



11th European Congress on Epileptology

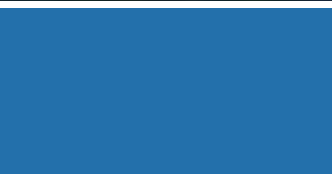
**STOCKHOLM**

29th June - 3rd July 2014

ILAE-CEA

11<sup>TH</sup>

# EUROPEAN CONGRESS ON EPILEPTOLOGY



CONGRESS PROGRAMME

STOCKHOLM

29 JUNE - 3 JULY

2014



# 31<sup>st</sup> International Epilepsy Congress

## Istanbul, Turkey

5<sup>th</sup> - 9<sup>th</sup> September 2015



[www.epilepsyistanbul2015.org](http://www.epilepsyistanbul2015.org)

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# GENERAL INFORMATION

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## INTERNATIONAL ORGANISING COMMITTEE

### Co-Chairs:

Meir Bialer (*Israel*)

Kristina Malmgren (*Sweden*)

### Members:

Alla Guekht (*Russia*)

Reetta Kälviäinen (*Finland*)

Ivan Rektor (*Czech Republic*)

Philip Smith (*United Kingdom*)

Torbjörn Tomson (*Sweden*)

## SCIENTIFIC ADVISORY COMMITTEE

### Chair:

Torbjörn Tomson (*Sweden*)

### Members:

Meir Bialer (*Israel*)

Milan Brázdil (*Czech Republic*)

Helen Cross (*United Kingdom*)

Reetta Kälviäinen (*Finland*)

Merab Kokaia (*Sweden*)

Kristina Malmgren (*Sweden*)

Philippe Ryvlin (*France*)

Simon Shorvon (*United Kingdom*)

Federico Vigevano (*Italy*)

## WELCOME

Dear Colleagues,

On behalf of the International Organising Committee, we wish to welcome you to the ILAE's 11<sup>th</sup> European Congress on Epileptology (ECE), in Stockholm. The Stockholm 2014 congress promises to be a very interesting and inspiring congress.

The programme will cover cutting-edge research in the field of epilepsy through presentations from the key opinion leaders in the field, including lectures by world-renowned scientists on topics at the interfaces of epilepsy. The schedule will also feature a coordinated clinical teaching programme with a course on pharmacological treatment of epilepsy as well as a course for epilepsy nurses and EEG technicians.

Four main themes run through the programme: the main session of the basic science theme has the exciting title "Changing epileptic brain: translational challenges and opportunities"; the main theme focusing on epilepsy surgery has the title "Who benefits from epilepsy surgery?" and it will be oriented towards patient outcomes; the paediatric main theme with the title "Epilepsy syndromes: from infancy to adulthood" spans the development as children grow into adults and last but not least the main theme on pharmacological treatment looks ahead with its title "Pharmacotherapy of the future: new molecules, new targets, new goals". Parallel sessions, workshops and courses in these and other topics will be held. There will be a strong emphasis on high quality platform as well as poster presentations.

This promises to be a great Congress. The London Congress in 2012 gave us Nobel lectures and the Stockholm Congress will follow up on this with a lecture about the man behind the name – Alfred Nobel. Stockholm is a fascinating and beautiful city and the nights are short in summer. We hope that you will enjoy the Congress as well as the city and the Nordic summer.

With warm regards,



**Kristina Malmgren**

*Co-Chair*

*International Organising Committee*



**Meir Bialer**

*Co-Chair*

*International Organising Committee*

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Dear Colleagues,

It is my privilege to welcome all of you to the 11<sup>th</sup> European Congress on Epileptology in the beautiful city of Stockholm.

The Scientific Advisory Committee has done a wonderful job in assembling a wide range of exciting scientific sessions which will highlight the latest developments in understanding the mechanisms of epilepsy and the state-of-the-art approaches that are available to improve diagnosis and management. The Congress will also offer a great opportunity to meet colleagues and friends from all over the world, exchange ideas, and establish fruitful collaborations.

Throughout the centuries, Stockholm has always played an important role in Swedish, Scandinavian and European history. The city is world renowned for its unique location on the many islands that are continuous with the magnificent Stockholm archipelago, and for its elegant architecture, its strong literary tradition and its bustling cultural sites with museums, theatres and art galleries.

Stockholm is also the birthplace of Alfred Nobel, whose vision led to the creation of the Nobel Prize for those who confer the "greatest benefit on mankind" in physics, chemistry, peace and physiology or medicine. To celebrate the significance of the Prize, we have organised an exhibition based on Nobel Laureates which will take place in the venue hall over the duration of the Congress.

I trust that you will enjoy participating in the Congress, and I wish you a pleasant and fruitful stay in Stockholm.

Yours sincerely,



**Emilio Perucca**

*ILAE President*

## CONGRESS INFORMATION

### FACILITIES TIMETABLE OVERVIEW

	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY
REGISTRATION	08:00 - 19:00	07:00 - 18:00	07:00 - 18:00	07:00 - 18:00	07:00 - 13:30
COFFEE BREAK	-	11:00 - 11:30	11:00 - 11:30	11:00 - 11:30	11:00 - 11:30
LUNCH	-	13:00 - 14:30	13:00 - 14:30	13:00 - 14:30	-
POSTERS	-	10:00 - 16:30	10:00 - 16:30	10:00 - 16:30	-
EXHIBITION	-	09:00 - 16:30	09:00 - 16:30	09:00 - 16:30	-
CLOAKROOM	08:00 - 21:30	07:00 - 20:30	07:00 - 20:00	07:00 - 18:30	07:00 - 17:00
SPEAKERS' ROOM	09:00 - 19:00	07:00 - 18:00	07:00 - 18:00	07:00 - 18:00	07:00 - 15:00

### CERTIFICATES OF ATTENDANCE

Certificates of Attendance can be collected from the Pre-registration Area from Tuesday 1<sup>st</sup> July onwards during registration opening hours.

### CLOAKROOM

There is a cloakroom located on the ground floor of Stockholmsmässan opposite the Registration Area. The fee is as follows: the first item (coat/bag) is SEK 20, and the cost for subsequent items is SEK 10 each. Opening times can be found in the Facilities Timetable Overview.

### CME ACCREDITATION

The 11<sup>th</sup> European Congress on Epileptology is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS), [www.uems.net](http://www.uems.net).

The 11<sup>th</sup> European Congress on Epileptology is designated for a maximum of 25 hours of European external CME credits. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Through an agreement between the European Union of Medical Specialists and the American Medical Association, physicians may convert EACCME credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME credit to AMA credit can be found at [www.ama-assn.org/go/internationalcme](http://www.ama-assn.org/go/internationalcme).

Live educational activities, occurring outside of Canada, recognized by the UEMS-EACCME for ECMEC credits are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of The Royal College of Physicians and Surgeons of Canada.



## CONGRESS BAGS

The congress bags were sourced from Township Patterns, which is a unique social enterprise producing eco-friendly conference bags. The range is made by fair-trade women's cooperatives in the townships of South Africa. Each item sold brings economic development and opportunity to the women and their communities.

## CONGRESS SECRETARIAT

Members of the Congress Secretariat may be contacted at any time at the Registration Area.

For queries arising after the Congress, please contact:

11<sup>th</sup> ECE Stockholm 2014

ILAE Congress Secretariat

7 Priory Office Park

Stillorgan Road

Blackrock

Co. Dublin

Ireland

Tel: +353 1 2056720

Fax: +353 1 2056156

Email: [stockholm@epilepsycongress.org](mailto:stockholm@epilepsycongress.org)

## EXHIBITION AREA

The Exhibition Area is situated on the ground floor of Stockholmsmässan. Exhibition opening times are listed in the Facilities Timetable Overview.

## INTERNET CENTRE

The Internet Centre is situated in the Exhibition Area beside the Poster Area on the ground floor of Stockholmsmässan.

## LANGUAGE

The official language of the Congress is English; please note that translation facilities will not be provided.

## LIABILITY AND INSURANCE

The International League Against Epilepsy (ILAE) and its agents do not accept any liability whatsoever for death, personal injury, accidents, theft, loss or damage to persons, property or belongings of participants or accompanying persons, either before, during or following the Congress, tours or their stay in Stockholm. It is therefore recommended that participants arrange their own personal health, accident and travel insurance.

## LUNCHES AND COFFEE BREAKS

Lunches will be served from Monday to Wednesday and Coffee Breaks from Monday to Thursday morning in the Exhibition Area, situated on the ground floor of Stockholmsmässan.

## REGISTRATION

The Registration Area is located in the Entrance Hall of Stockholmsmässan; congress bags can also be collected from this point. Please note that name badges must be worn at all times.

## SPEAKERS' ROOM

The Speakers' Room is located in Room K6, on the ground floor of Stockholmsmässan. Opening times are listed on the Facilities Timetable Overview. Facilities to review and amend presentations are available to all speakers and technical assistance will also be provided in this room.

Please note that all speakers should submit their final PowerPoint presentation(s) to the Speakers' Room no less than 3 hours in advance of their session. Speakers at early morning sessions are required to submit their material no later than 17:00 on the evening before their session is scheduled.

## VENUE

Stockholmsmässan

Mässvägen 1

Älvsjö

Tel: +46 8 7494100

[www.stockholmsmassan.se](http://www.stockholmsmassan.se)





## WELCOME CEREMONY AND RECEPTION

All delegates are invited to attend the Welcome Ceremony which will start at 18.30 on Sunday 29<sup>th</sup> June in the Victoria Hall. This will be followed by a Welcome Reception open to all participants.

The Welcome Ceremony is the perfect platform to introduce the Nobel theme which will run throughout the Congress; Olov Amelin, the director of the Nobel Museum, will be giving an exclusive speech on Alfred Nobel and will also introduce a feature of the museum - The Monkey Mask by Roger W. Sperry which will be on display during the Welcome Reception.

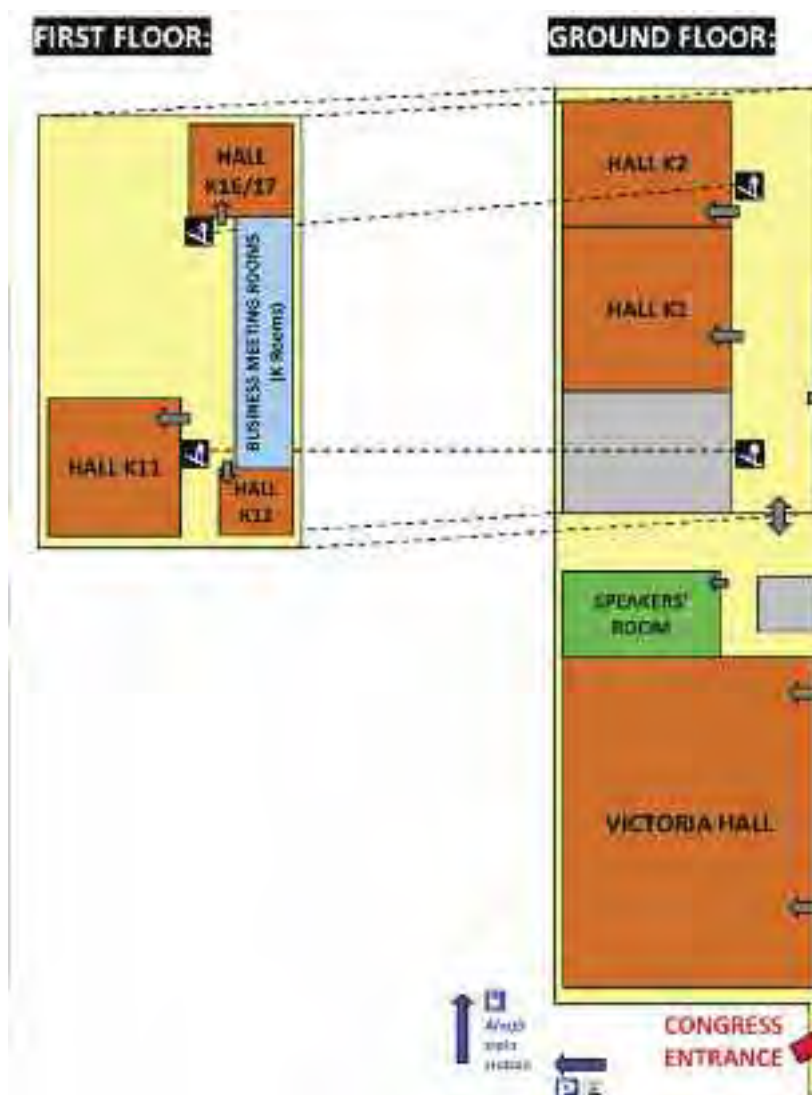
The ILAE, CEA and local awardees will all be celebrated with short presentations.

The Welcome Ceremony will showcase Sweden and its local and cultural traditions and will offer delegates an insight into the exceptional scientific programme of the 11<sup>th</sup> ECE.

## WIFI

There is free wifi in the venue for all registered delegates. Simply connect to the "stockholmsmassan" network and accept the terms and conditions. No password is required.

## CONGRESS CENTRE PLAN



**GROUND FLOOR:**

## STOCKHOLM TRANSPORT INFORMATION

Thanks to Stockholm's safe, punctual and efficient public transport system, visitors can quickly travel between different parts of the city.

To ensure a stress free experience when travelling to the 11<sup>th</sup> ECE, delegates can buy a Stockholm travel card enjoying a 25% discount from the meetagain Accommodation & Transport desk in the Entrance Hall of Stockholmsmässan.

Delegates can choose between a 2 day, 3 day, 4 day or a 5 day travel card which gives access to all of Stockholm Public Transport. The travel cards dates are bounded with the Congress dates - 29th June to 3rd July

### TAXIS

There are many taxi companies to choose from in Stockholm. Approved taxis with metered fares always bear yellow number plates. Credit cards are readily accepted.

Please note that taxi prices are not regulated in Sweden; they may vary greatly. It is the customer's responsibility to check prices beforehand. Check the price on the yellow-and-white label (as per the picture below), which is usually on the rear door window, before entering the vehicle. The highest unit price of most taxis is between SEK 290 - 390. The price on the yellow label is based on a 10 km, 15-minute journey.

The price indicated on the taximeter is in Swedish kronor. For trips to and from Stockholm Arlanda Airport the major taxi companies have fixed prices of between SEK 450-500. Always ask the driver beforehand. In addition to the major taxi companies there are several independent firms; caution is advised. You can easily get hold of a taxi by calling a taxi company, hailing one on the street or by taking one from a rank.



### Recommended taxi companies

Taxi Stockholm: +46 8 150000 or [www.taxistockholm.se](http://www.taxistockholm.se)

Taxi Kurir: +46 8 300000 or [www.taxikurir.se](http://www.taxikurir.se)

Taxi 020: +46 20 202020 or [www.taxi020.se](http://www.taxi020.se)

## PUBLIC TRANSPORT

SL, Stockholm Public Transport, is the convenient way to travel when exploring the capital of Sweden.

The underground is the easiest way to get around. The city is divided into three zones, and zone tickets are good for several trips within the hour. Tickets can be purchased at SL centres, underground platform barriers, newsagent kiosks or via SMS. Please note that it is not possible to pay cash for tickets on board buses in Stockholm. Most bus stops have ticket machines that take both coins and cards.

### From Stockholm city centre to Stockholmsmässan

There are 8-14 commuter train departures every hour from Stockholm Central Station/ T-Centralen to Älvsjö Station (the stop for Stockholmsmässan). The journey takes just ten minutes and trains depart from platform 13 and 14.

### From Stockholmsmässan to Arlanda Airport

From Stockholmsmässan delegates can go directly to Arlanda Airport with the commuter train. This train departs 2 times per hour and takes 50 minutes.





### The Arlanda Express

A 25% discount on the Arlanda Express train is available for all delegates of the 11<sup>th</sup> ECE by booking on [www.arlandaexpress.com](http://www.arlandaexpress.com) and entering the discount code ECE2014.

The airport express train "Arlanda Express" is the fastest and most environmentally friendly way of travelling between Stockholm city and Arlanda Airport. There are no stops on the way, thus ensuring travellers reach their destination within 20 minutes of departure. The first train from Stockholm departs at 04:35, and the last train from Arlanda departs at 01:05.





## NOBEL EXHIBITION

There is no better place than Stockholm and the 11<sup>th</sup> ECE to remember and talk about Alfred Nobel!

Alfred Nobel was born in Stockholm and through his will the Nobel Foundation was established and the first prizes awarded in 1901.

To celebrate Alfred Nobel and the significance of the Prize, we have organised an exhibition of selected former Nobel Laureates that will take place throughout the five days of the congress. These Nobel Prizes have been linked to relevant sessions from the 11<sup>th</sup> ECE scientific programme.

As part of the exhibition, delegates will be able to vote as to which Nobel Prize Laureate or group of Laureates has in their opinion done the most relevant research in epileptology.

The Alfred Nobel museum director will also be giving a presentation about Alfred Nobel during the Welcome Ceremony on Sunday. Then on Tuesday evening there will be a reception in the City Hall, the venue of the Nobel Prize banquet, hosted by the City and County of Stockholm.



# SCIENTIFIC PROGRAMME

INTRODUCTORY MESSAGE  
SCIENTIFIC PROGRAMME INFORMATION  
FULL WEEK TIMETABLE  
SUNDAY 29<sup>TH</sup> JUNE  
MONDAY 30<sup>TH</sup> JUNE  
TUESDAY 1<sup>ST</sup> JULY  
WEDNESDAY 2<sup>ND</sup> JULY  
THURSDAY 3<sup>RD</sup> JULY  
SATELLITE SYMPOSIA

## INTRODUCTORY MESSAGE FROM THE SCIENTIFIC ADVISORY COMMITTEE CHAIR

Dear Colleagues,

The Scientific Advisory Committee (SAC) is pleased to offer a programme that provides cutting-edge science as well as high quality teaching on topics of direct relevance to your everyday clinical practice. Four main themes have been selected representing basic science, epilepsy surgery, pharmacotherapy and paediatric epileptology. Each theme will be showcased in a main session namely "Changing epileptic brain: translational challenges and opportunities", "Who benefits from epilepsy surgery?", "Epilepsy syndromes: from infancy to adulthood" and "Pharmacotherapy of the future: new molecules, new targets, new goals". The scientific programme is intended to cover all aspects of epileptology. Overwhelmed by the numerous proposals submitted by ILAE members, the SAC has had a difficult task to select the most appropriate. We would like to express our gratitude to all those contributing to the programme by submitting session proposals, even though only some of the excellent proposals could be selected.

One of the primary goals of the SAC for this Congress is to increase the emphasis on high quality platform presentations by allocating more time to them given that they can often be the source of the latest scientific findings. Furthermore platform presentations provide an important opportunity for younger researchers to meet and engage in valuable discussions with their peers. Poster sessions will continue to be a significant part of the programme and we will give full attention to the posters with guided tours and poster highlight sessions.

Stockholm 2014 will build on the success of its predecessors. Many of the features introduced in London 2012 are carried forward in Stockholm, some with a local twist. The 2012 London Congress introduced lectures by selected Nobel Prize Laureates. Bringing the 11<sup>th</sup> ECE to the home town of Alfred Nobel, the Stockholm Congress will follow up on the Nobel theme with a lecture about the man behind the Prize. Additionally there will be a reception in the City Hall, the venue for the Nobel Prize banquet, which all are welcome to attend subject to availability. ECE Forums were a great success in London. The Forums are continued in Stockholm reserving the format for interactive discussions on new topics or projects of special interest.

Among new features in this Congress we invite delegates to participate in a highly interactive session on the proposed ILAE classification and organization of seizures and epilepsies. There will also be an exciting joint symposium between CEA and the European Sleep Research Society entitled "Epileptic and non-epileptic sleep related paroxysmal motor events". Epilepsy Advocacy Europe will present their achievements and plans in a symposium with the title "A political agenda for supporting epilepsy care and research in Europe".

Two sessions have a special historical perspective: the session entitled "Unverricht-Lundborg Disease from 1891 to 2014" and then the "Carbamazepine 50<sup>th</sup> Year Anniversary Symposium". The popular Chairs' Symposium is dedicated to prevention in epileptology in its broadest sense. The meeting will conclude with a Congress Highlights session, where the main session chairs will summarise the most important advancements presented within their themes.

The last day of the Congress will be an ECE teaching day with a full day course on the "Pharmacological treatment of epilepsy" and two separate comprehensive courses targeting epilepsy nurses and EEG technicians.

In addition, teaching sessions will feature three attractive morning series run over three days: "The seizure semiology smörgåsbord" are didactic video sessions; "Found in translation: basic science explained" targets clinicians who want to better understand experimental epilepsy research; and lastly the What Not-to-Do series, takes a slightly different perspective than the previous highly appreciated How-to-Do series.

Although we have done everything in our power to create an attractive and packed scientific programme, we hope that you will find some time to enjoy Stockholm. The capital of Sweden has a history spanning more than 700 years. Spreading across 14 islands, Stockholm faces the Baltic Sea. June and July, when days are long and nights are bright, is the perfect time to enjoy this beautiful city and its' surroundings including the unique and easily accessible archipelago of 30,000 islands.

On behalf of the Scientific Advisory Committee, we are happy to welcome you to the 11<sup>th</sup> European Congress on Epileptology and to the wonderful city of Stockholm.

With best wishes,



**Torbjörn Tomson**

*Chair*

*Scientific Advisory Committee*

## SCIENTIFIC PROGRAMME INFORMATION

### SESSIONS

The scientific sessions form the main part of the Congress. The main topics were chosen by the International Organising Committee and the sessions were selected by the Scientific Advisory Committee from the numerous proposals submitted by ILAE members and other experts. These sessions were selected to represent the best European and global epileptology.

The programme covers all aspects of epileptology, but four main themes have been selected. Each day has different themes representing basic science, epilepsy surgery, pharmacotherapy and paediatric epileptology. A colour coding system has been used throughout the scientific programme, each colour representing a theme, the four previously mentioned with the addition of diagnostics, epidemiology, semiology and classification.

Each main theme features one plenary main topic session and four additional sessions.

### SPECIAL SYMPOSIA

Special symposia include the Chairs' Symposium, which this year is dedicated to "Prevention in epileptology". The symposium will explore a number of important aspects of prevention, ranging from prevention of the development of epilepsy to prevention of the devastating consequences of epilepsy and its treatment.

A second special symposium will update delegates on the achievements and plans of the joint ILAE/IBE Task Force – Epilepsy Advocacy Europe, under the symposium title "A political agenda for supporting epilepsy care and research in Europe".

The ILAE Commission on European Affairs (CEA) will also present a special symposium on the European perspective of regulatory issues with antiepileptic drugs.

Another special symposium explores the borderland between epileptology and sleep medicine. This session on "Epileptic and non-epileptic sleep-related paroxysmal motor events" is a collaboration between CEA and the European Sleep Research Society.

The Commission on European Affairs and the North American Commission have put together a symposium entitled "Neuro-engineering: diagnostic and therapeutic opportunities".

The "ILAE classification in clinical practice" will be a case based interactive session designed to illustrate the place of classification in day-to-day practice.

There will also be the Neurobiology Symposium prepared by the ILAE Commission on Neurobiology and the traditional Symposium of Excellence in Epileptology.

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## TEACHING SESSIONS

Three early mornings will be dedicated to teaching sessions with interactive seminars based on "What not to do in epileptology", a series of sessions dedicated to clinicians with topics of basic research and also interactive sessions on seizure semiology. VIREPA sessions will take place during two early mornings and a session entitled "ABC of epilepsy epidemiology" will take over one morning.

## TEACHING COURSES

Three courses will take place on Thursday 3<sup>rd</sup> July.

The course on "Pharmacological treatment of epilepsy" spans from basic mechanisms of actions of antiepileptic drugs and pharmacokinetics to pharmacological treatment in different clinical settings. There is also a second course, primarily aimed at epilepsy nurses, and a third course for EEG technicians which will discuss more advanced EEG techniques, analysis and monitoring strategies within the diagnostic and preoperative epilepsy programmes.

## ECE FORUMS

The ECE Forums introduced in London will again form part of the programme and will take place all day on Thursday.

These Forums are designed to be sessions in which selected topics can be explored and discussed in an informal workshop or clubroom style. The topics have been selected from proposals submitted by members worldwide and focus generally on cutting-edge or controversial aspects of epilepsy work, not least including discussions on new or planned projects of general interest.

Priority has been given to new topics rather than the continuation of topics discussed in London.

## NEW AND INNOVATIVE SESSIONS

Two debates will take place on Thursday 3<sup>rd</sup> July in addition to the Michael Debate which takes place on Wednesday 2<sup>nd</sup> July from 16.30 to 18.00. In addition to these debates, delegates will be offered the opportunity to find out more details on how to get published in Epilepsy Journals with focus given to the following 3 journals: *Epilepsia*, *Epileptic Disorders* and *Epilepsy Research*. The Scientific Advisory Committee also prepared an innovative session that will discuss the new procedures for involvement of the epilepsy community in ILAE position papers. This is an important opportunity for communication between the ILAE leadership and membership.

## HIGHLIGHTS SESSION

This concluding session is intended to give delegates an overview of the most important advancements that have been presented during the Congress. Each main topic chair has been charged to summarise what they consider to be the highlights from presentations within their theme.

## AWARDS

We would like to congratulate the following awardees:

- **Wolfgang Löscher** - European Epileptology Award 2014
- **Carlo Alberto Tassinari** - European Epileptology Award 2014
- **Ivan Rektor** - European Epilepsy Education Award 2014
- **Verena Hézser-v. Wehrs** - European Epilepsy Service Award 2014
- **Teresa Ravizza** - European Young Investigator Award 2014
- **Serge Vulliemoz** - European Young Investigator Award 2014
- **Cristina Roseti** - Morris-Coole Epilepsia Prize 2013
- **Sigfrid Blom** - Swedish Epilepsy Society Lifetime Achievement Award 2014

The following awards will be given during the Welcome Ceremony on Sunday 29<sup>th</sup> June: the European Epileptology Awards, the European Epilepsy Education Award, the European Epilepsy Service Award and the Swedish Epilepsy Society Lifetime Achievement Award

The Young Investigator Awards and the Morris-Coole Epilepsia Prize will be given during the Symposium of Excellence in Epileptology on Tuesday 1<sup>st</sup> July.

## PLATFORM, BEST POSTER AND POSTER PRESENTATIONS

108 of the best submitted abstracts have been selected by the Scientific Advisory Committee for oral presentation and will be presented in Platform Sessions from Monday to Thursday.

The 67 next best abstracts have been selected for Best Poster Presentations which will take place during the morning coffee break from Monday to Wednesday in dedicated presentation areas in the poster area. Presenters will each have a couple of minutes to showcase their work to the audience.

Special attention has also been given to poster presentations during the Congress. Posters will be on display from Monday to Wednesday and guided poster tours will be held at lunchtime, giving the opportunity to all authors to present their work and for delegates to ask questions.





10<sup>TH</sup> ASIAN & OCEANIAN  
**Epilepsy**  
CONGRESS



**SINGAPORE 2014**  
7 - 10 AUGUST

[www.epilepsysingapore2014.org](http://www.epilepsysingapore2014.org)



17-20 Septiembre 2014  
**BUENOS AIRES**  
VIII CONGRESO LATINOAMERICANO DE EPILEPSIA

[www.epilepsiabuenosaires2014.org](http://www.epilepsiabuenosaires2014.org)

## SCIENTIFIC PROGRAMME

	Sunday 29th June	Monday 30th June	Tuesday 1st July
08.00-09.00		Teaching Sessions / Courses (4) 08.00-09.00	Teaching Sessions / Courses (4) 08.00-09.00
09.00-09.30		Platform Session (1) 09.00-09.30	Platform Session (1) 09.00-09.30
09.30-10.00			Networking Session (4) 09.30-10.00
10.00-10.30			
10.30-11.00			
11.00-11.30			
11.30-12.00			
12.00-12.30			
12.30-13.00			
13.00-13.30			
13.30-14.00	Platform on display all day - Poster Focus (10.00-14.00)	Chair's Symposium 13.30-14.00	Chair's Symposium 13.30-14.00
14.00-14.30		Chair's Symposium 14.00-14.30	Chair's Symposium 14.00-14.30
14.30-15.00		Chair's Symposium 14.30-15.00	Chair's Symposium 14.30-15.00
15.00-15.30		Chair's Symposium 15.00-15.30	Chair's Symposium 15.00-15.30
15.30-16.00		Chair's Symposium 15.30-16.00	Chair's Symposium 15.30-16.00
16.00-16.30		Chair's Symposium 16.00-16.30	Chair's Symposium 16.00-16.30
16.30-17.00		Chair's Symposium 16.30-17.00	Chair's Symposium 16.30-17.00
17.00-17.30		Chair's Symposium 17.00-17.30	Chair's Symposium 17.00-17.30
17.30-18.00		Chair's Symposium 17.30-18.00	Chair's Symposium 17.30-18.00
18.00-18.30		Chair's Symposium 18.00-18.30	Chair's Symposium 18.00-18.30
18.30-19.00	Platform on display all day - Poster Focus (14.00-18.00)	Chair's Symposium 18.30-19.00	Chair's Symposium 18.30-19.00
19.00-19.30		Chair's Symposium 19.00-19.30	Chair's Symposium 19.00-19.30
19.30-20.00		Chair's Symposium 19.30-20.00	Chair's Symposium 19.30-20.00
20.00-20.30		Chair's Symposium 20.00-20.30	Chair's Symposium 20.00-20.30
20.30-21.00		Chair's Symposium 20.30-21.00	Chair's Symposium 20.30-21.00
21.00-21.30		Chair's Symposium 21.00-21.30	Chair's Symposium 21.00-21.30
21.30-22.00		Chair's Symposium 21.30-22.00	Chair's Symposium 21.30-22.00
22.00-22.30		Chair's Symposium 22.00-22.30	Chair's Symposium 22.00-22.30
22.30-23.00		Chair's Symposium 22.30-23.00	Chair's Symposium 22.30-23.00
23.00-23.30		Chair's Symposium 23.00-23.30	Chair's Symposium 23.00-23.30
23.30-24.00	Platform on display all day - Poster Focus (14.00-18.00)	Chair's Symposium 23.30-24.00	Chair's Symposium 23.30-24.00
24.00-24.30		Chair's Symposium 24.00-24.30	Chair's Symposium 24.00-24.30
24.30-25.00		Chair's Symposium 24.30-25.00	Chair's Symposium 24.30-25.00
25.00-25.30		Chair's Symposium 25.00-25.30	Chair's Symposium 25.00-25.30
25.30-26.00		Chair's Symposium 25.30-26.00	Chair's Symposium 25.30-26.00
26.00-26.30		Chair's Symposium 26.00-26.30	Chair's Symposium 26.00-26.30
26.30-27.00		Chair's Symposium 26.30-27.00	Chair's Symposium 26.30-27.00
27.00-27.30		Chair's Symposium 27.00-27.30	Chair's Symposium 27.00-27.30
27.30-28.00		Chair's Symposium 27.30-28.00	Chair's Symposium 27.30-28.00
28.00-28.30		Chair's Symposium 28.00-28.30	Chair's Symposium 28.00-28.30
28.30-29.00	Platform on display all day - Poster Focus (14.00-18.00)	Chair's Symposium 28.30-29.00	Chair's Symposium 28.30-29.00
29.00-29.30		Chair's Symposium 29.00-29.30	Chair's Symposium 29.00-29.30
29.30-30.00		Chair's Symposium 29.30-30.00	Chair's Symposium 29.30-30.00
30.00-30.30		Chair's Symposium 30.00-30.30	Chair's Symposium 30.00-30.30
30.30-31.00		Chair's Symposium 30.30-31.00	Chair's Symposium 30.30-31.00
31.00-31.30		Chair's Symposium 31.00-31.30	Chair's Symposium 31.00-31.30
31.30-32.00		Chair's Symposium 31.30-32.00	Chair's Symposium 31.30-32.00
32.00-32.30		Chair's Symposium 32.00-32.30	Chair's Symposium 32.00-32.30
32.30-33.00		Chair's Symposium 32.30-33.00	Chair's Symposium 32.30-33.00
33.00-33.30		Chair's Symposium 33.00-33.30	Chair's Symposium 33.00-33.30
33.30-34.00	Platform on display all day - Poster Focus (14.00-18.00)	Chair's Symposium 33.30-34.00	Chair's Symposium 33.30-34.00
34.00-34.30		Chair's Symposium 34.00-34.30	Chair's Symposium 34.00-34.30
34.30-35.00		Chair's Symposium 34.30-35.00	Chair's Symposium 34.30-35.00
35.00-35.30		Chair's Symposium 35.00-35.30	Chair's Symposium 35.00-35.30
35.30-36.00		Chair's Symposium 35.30-36.00	Chair's Symposium 35.30-36.00
36.00-36.30		Chair's Symposium 36.00-36.30	Chair's Symposium 36.00-36.30
36.30-37.00		Chair's Symposium 36.30-37.00	Chair's Symposium 36.30-37.00
37.00-37.30		Chair's Symposium 37.00-37.30	Chair's Symposium 37.00-37.30
37.30-38.00		Chair's Symposium 37.30-38.00	Chair's Symposium 37.30-38.00
38.00-38.30		Chair's Symposium 38.00-38.30	Chair's Symposium 38.00-38.30
38.30-39.00	Platform on display all day - Poster Focus (14.00-18.00)	Chair's Symposium 38.30-39.00	Chair's Symposium 38.30-39.00
39.00-39.30		Chair's Symposium 39.00-39.30	Chair's Symposium 39.00-39.30
39.30-40.00		Chair's Symposium 39.30-40.00	Chair's Symposium 39.30-40.00
40.00-40.30		Chair's Symposium 40.00-40.30	Chair's Symposium 40.00-40.30
40.30-41.00		Chair's Symposium 40.30-41.00	Chair's Symposium 40.30-41.00
41.00-41.30		Chair's Symposium 41.00-41.30	Chair's Symposium 41.00-41.30
41.30-42.00		Chair's Symposium 41.30-42.00	Chair's Symposium 41.30-42.00
42.00-42.30		Chair's Symposium 42.00-42.30	Chair's Symposium 42.00-42.30
42.30-43.00		Chair's Symposium 42.30-43.00	Chair's Symposium 42.30-43.00
43.00-43.30		Chair's Symposium 43.00-43.30	Chair's Symposium 43.00-43.30
43.30-44.00	Platform on display all day - Poster Focus (14.00-18.00)	Chair's Symposium 43.30-44.00	Chair's Symposium 43.30-44.00
44.00-44.30		Chair's Symposium 44.00-44.30	Chair's Symposium 44.00-44.30
44.30-45.00		Chair's Symposium 44.30-45.00	Chair's Symposium 44.30-45.00
45.00-45.30		Chair's Symposium 45.00-45.30	Chair's Symposium 45.00-45.30
45.30-46.00		Chair's Symposium 45.30-46.00	Chair's Symposium 45.30-46.00
46.00-46.30		Chair's Symposium 46.00-46.30	Chair's Symposium 46.00-46.30
46.30-47.00		Chair's Symposium 46.30-47.00	Chair's Symposium 46.30-47.00
47.00-47.30		Chair's Symposium 47.00-47.30	Chair's Symposium 47.00-47.30
47.30-48.00		Chair's Symposium 47.30-48.00	Chair's Symposium 47.30-48.00
48.00-48.30		Chair's Symposium 48.00-48.30	Chair's Symposium 48.00-48.30
48.30-49.00	Platform on display all day - Poster Focus (14.00-18.00)	Chair's Symposium 48.30-49.00	Chair's Symposium 48.30-49.00
49.00-49.30		Chair's Symposium 49.00-49.30	Chair's Symposium 49.00-49.30
49.30-50.00		Chair's Symposium 49.30-50.00	Chair's Symposium 49.30-50.00
50.00-50.30		Chair's Symposium 50.00-50.30	Chair's Symposium 50.00-50.30
50.30-51.00		Chair's Symposium 50.30-51.00	Chair's Symposium 50.30-51.00
51.00-51.30		Chair's Symposium 51.00-51.30	Chair's Symposium 51.00-51.30
51.30-52.00		Chair's Symposium 51.30-52.00	Chair's Symposium 51.30-52.00
52.00-52.30		Chair's Symposium 52.00-52.30	Chair's Symposium 52.00-52.30
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53.00-53.30		Chair's Symposium 53.00-53.30	Chair's Symposium 53.00-53.30
53.30-54.00	Platform on display all day - Poster Focus (14.00-18.00)	Chair's Symposium 53.30-54.00	Chair's Symposium 53.30-54.00
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55.00-55.30		Chair's Symposium 55.00-55.30	Chair's Symposium 55.00-55.30
55.30-56.00		Chair's Symposium 55.30-56.00	Chair's Symposium 55.30-56.00
56.00-56.30		Chair's Symposium 56.00-56.30	Chair's Symposium 56.00-56.30
56.30-57.00		Chair's Symposium 56.30-57.00	Chair's Symposium 56.30-57.00
57.00-57.30		Chair's Symposium 57.00-57.30	Chair's Symposium 57.00-57.30
57.30-58.00		Chair's Symposium 57.30-58.00	Chair's Symposium 57.30-58.00
58.00-58.30		Chair's Symposium 58.00-58.30	Chair's Symposium 58.00-58.30
58.30-59.00	Platform on display all day - Poster Focus (14.00-18.00)	Chair's Symposium 58.30-59.00	Chair's Symposium 58.30-59.00
59.00-59.30		Chair's Symposium 59.00-59.30	Chair's Symposium 59.00-59.30
59.30-60.00		Chair's Symposium 59.30-60.00	Chair's Symposium 59.30-60.00
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60.30-61.00		Chair's Symposium 60.30-61.00	Chair's Symposium 60.30-61.00
61.00-61.30		Chair's Symposium 61.00-61.30	Chair's Symposium 61.00-61.30
61.30-62.00		Chair's Symposium 61.30-62.00	Chair's Symposium 61.30-62.00
62.00-62.30		Chair's Symposium 62.00-62.30	Chair's Symposium 62.00-62.30
62.30-63.00		Chair's Symposium 62.30-63.00	Chair's Symposium 62.30-63.00
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63.30-64.00	Platform on display all day - Poster Focus (14.00-18.00)	Chair's Symposium 63.30-64.00	Chair's Symposium 63.30-64.00
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66.30-67.00		Chair's Symposium 66.30-67.00	Chair's Symposium 66.30-67.00
67.00-67.30		Chair's Symposium 67.00-67.30	Chair's Symposium 67.00-67.30
67.30-68.00		Chair's Symposium 67.30-68.00	Chair's Symposium 67.30-68.00
68.00-68.30		Chair's Symposium 68.00-68.30	Chair's Symposium 68.00-68.30
68.30-69.00	Platform on display all day - Poster Focus (14.00-18.00)	Chair's Symposium 68.30-69.00	Chair's Symposium 68.30-69.00
69.00-69.30		Chair's Symposium 69.00-69.30	Chair's Symposium 69.00-69.30
69.30-70.00		Chair's Symposium 69.30-70.00	Chair's Symposium 69.30-70.00
70.00-70.30		Chair's Symposium 70.00-70.30	Chair's Symposium 70.00-70.30
70.30-71.00		Chair's Symposium 70.30-71.00	Chair's Symposium 70.30-71.00
71.00-71.30		Chair's Symposium 71.00-71.30	Chair's Symposium 71.00-71.30
71.30-72.00		Chair's Symposium 71.30-72.00	Chair's Symposium 71.30-72.00
72.00-72.30		Chair's Symposium 72.00-72.30	Chair's Symposium 72.00-72.30
72.30-73.00		Chair's Symposium 72.30-73.00	Chair's Symposium 72.30-73.00
73.00-73.30		Chair's Symposium 73.00-73.30	Chair's Symposium 73.00-73.30
73.30-74.00	Platform on display all day - Poster Focus (14.00-18.00)	Chair's Symposium 73.30-74.00	Chair's Symposium 73.30-74.00
74.00-74.30		Chair's Symposium 74.00-74.30	Chair's Symposium 74.00-74.30
74.30-75.00		Chair's Symposium 74.30-75.00	Chair's Symposium 74.30-75.00
75.00-75.30		Chair's Symposium 75.00-75.30	Chair's Symposium 75.00-75.30
75.30-76.00		Chair's Symposium 75.30-76.00	Chair's Symposium 75.30-76.00
76.00-76.30		Chair's Symposium 76.00-76.30	Chair's Symposium 76.00-76.30
76.30-77.00		Chair's Symposium 76.30-77.00	Chair's Symposium 76.30-77.00
77.00-77.30		Chair's Symposium 77.00-77.30	Chair's Symposium 77.00-77.30
77.30-78.00		Chair's Symposium 77.30-78.00	Chair's Symposium 77.30-78.00
78.00-78.30		Chair's Symposium 78.00-78.30	Chair's Symposium 78.00-78.30
78.30-79.00	Platform on display all day - Poster Focus (14.00-18.00)	Chair's Symposium 78.30-79.00	Chair's Symposium 78.30-79.00
79.00-79.30		Chair's Symposium 79.00-79.30	Chair's Symposium 79.00-79.30
79.30-80.00		Chair's Symposium 79.30-80.00	Chair's Symposium 79.30-80.00
80.00-80.30		Chair's Symposium 80.00-80.30	Chair's Symposium 80.00-80.30
80.30-81.00		Chair's Symposium 80.30-81.00	Chair's Symposium 80.30-81.00
81.00-81.30		Chair's Symposium 81.00-81.30	Chair's Symposium 81.00-81.30
81.30-82.00		Chair's Symposium 81.30-82.00	Chair's Symposium 81.30-82.00
82.00-82.30		Chair's Symposium 82.00-82.30	Chair's Symposium 82.00-82.30
82.30-83.00		Chair's Symposium 82.30-83.00	Chair's Symposium 82.30-83.00
83.00-83.30		Chair's Symposium 83.00-83.30	Chair's Symposium 83.00-83.30
83.30-84.00	Platform on display all day - Poster Focus (14.00-18.00)	Chair's Symposium 83.30-84.00	Chair's Symposium 83.30-84.00
84.00-84.30		Chair's Symposium 84.00-84.30	Chair's Symposium 84.00-84.30
84.30-85.00		Chair's Symposium 84.30-85.00	Chair's Symposium 84.30-85.00
85.00-85.30		Chair's Symposium 85.00-85.30	Chair's Symposium 85.00-85.30
85.30-86.00		Chair's Symposium 85.30-86.00	Chair's Symposium 85.30-86.00
86.00-86.30		Chair's Symposium 86.00-86.30	Chair's Symposium 86.00-86.30
86.30-87.00		Chair's Symposium 86.30-87.00	Chair's Symposium 86.30-87.00
87.00-87.30		Chair's Symposium 87.00-87.30	Chair's Symposium 87.00-87.30
87.30-88.00		Chair's Symposium 87.30-88.00	Chair's Symposium 87.30-88.00
88.00-88.30		Chair's Symposium 88.00-88.30	Chair's Symposium 88.00-88.30
88.30-89.00	Platform on display all day - Poster Focus (14.00-18.00)	Chair's Symposium 88.30-89.00	Chair's Symposium 88.30-89.00
89.00-89.30		Chair's Symposium 89.00-89.30	Chair's Symposium 89.00-89.30
89.30-90.00		Chair's Symposium 89.30-90.00	Chair's Symposium 89.30-90.00
90.00-90.30		Chair's Symposium 90.00-90.30	Chair's Symposium 90.00-90.30
90.30-91.00		Chair's Symposium 90.30-91.00	Chair's Symposium 90.30-91.00
91.00-91.30		Chair's Symposium 91.00-91.30	Chair's Symposium 91.00-91.30
91.30-92.00		Chair's Symposium 91.30-92.00	Chair's Symposium 91.30-92.00
92.00-92.30		Chair's Symposium 92.00-92.30	Chair's Symposium 92.00-92.30
92.30-93.00		Chair's Symposium 92.30-93.00	Chair's Symposium 92.30-93.00
93.00-93.30		Chair's Symposium 93.00-93.30	Chair's Symposium 93.00-93.30
93.30-94.00	Platform on display all day - Poster Focus (14.00-18.00)	Chair's Symposium 93.30-94.00	Chair's Symposium 93.30-94.00
94.00-94.30		Chair's Symposium 94.00-94.30	Chair's Symposium 94.00-94.30
94.30-95.00		Chair's Symposium 94.30-95.00	Chair's Symposium 94.30-95.00
95.00-95.30		Chair's Symposium 95.00-95.30	Chair's Symposium 95.00-95.30
95.30-96.00		Chair's Symposium 95.30-96.00	Chair's Symposium 95.30-96.00
96.00-96.30		Chair's Symposium 96.00-96.30	Chair's Symposium 96.00-96.30
96.30-97.00		Chair's Symposium 96.30-97.00	Chair's Symposium 96.30-97.00
97.00-97.30		Chair's Symposium 97.00-97.30	Chair's Symposium 97.00-97.30
97.30-98.00		Chair's Symposium 97.30-98.00	Chair's Symposium 97.30-98.00
98.00-98.30		Chair's Symposium 98.00-98.30	Chair's Symposium 98.00-98.30
98.30-99.00	Platform on display all day - Poster Focus (14.00-18.00)	Chair's Symposium 98.30-99.00	Chair's Symposium 98.30-99.00
99.00-99.30		Chair's Symposium 99.00-99.30	Chair's Symposium 99.00-99.30
99.30-100.00		Chair's Symposium 99.30-100.00	Chair's Symposium 99.30-100.00
100.00-100.30		Chair's Symposium 100.00-100.30	Chair's Symposium 100.00-100.30
100.30-101.00		Chair's Symposium 100.30-101.00	Chair's Symposium 100.30-101.00
101.00-101.30		Chair's Symposium 101.00-101.30	Chair's Symposium 101.00-101.30
101.30-102.00		Chair's Symposium 101.30-102.00	Chair's Symposium 101.30-102.00
102.00-102.30		Chair's Symposium 102.00-102.30	Chair's Symposium 102.00-102.30
102.30-103.00		Chair's Symposium 102.30-103.00	Chair's Symposium 102.30-103.00
103.00-103.30		Chair's Symposium 103.00-103.30	Chair's Symposium 103.00-103.30
103.30-104.00	Platform on display all day - Poster Focus (14.00-18.00)	Chair's Symposium 103.30-104.00	Chair's Symposium 103.30-104.00
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104.30-105.00			



SUNDAY 29<sup>TH</sup> JUNE

	Victoria Hall	A2	K1&2
14:00-14:30			
14:30-15:00	Infantry Surviving Europe & Northern Ireland for supporting operations with soldiers in Europe	Carbamazepine (CBZ) 50th Year Anniversary Symposium (1964-2014)	Government Laboratory Closure from 18 <sup>th</sup> to 28 <sup>th</sup> June
15:00-15:30			
15:30-16:00			
16:00-16:30			
16:30-17:00			
17:00-17:30		Neurobiology symposium	Work conditions for immigrants of the diversity community at 11 AE positions upon first practical experience
17:30-18:00			
18:00-18:30			
18:30-19:00	Welcome Ceremony		
19:00-19:30	Welcome Reception		
19:30-20:00			
20:00-20:30			
21:00-21:30			

A4	A6	K11	
			14.00-14.30
Defining epigenetic mechanisms of epileptogenesis	Genetic contribution to epilepsy	Epigenetic regulation and clinical implications of neuronal gene activity	14.30-15.10
			15.30-15.38
			15.38-16.00
			16.01-16.20
			16.21-17.00
			17.01-17.30
			17.31-18.00
			18.01-18.30
			18.31-19.00
			19.01-20.00
			20.01-20.30
			20.31-21.00

## PROGRAMME

SUNDAY 29<sup>TH</sup> JUNE

## PARALLEL SESSION

## Hall A2

14:30 – 16:00

**Carbamazepine (CBZ) 50th Year Anniversary Symposium (1964-2014)***Co-chair: Günter Kramer, Switzerland**Co-chair: Dana Craiu, Romania***How carbamazepine came to dominate the epilepsy world**

Simon Shorvon, United Kingdom

**How carbamazepine structure and clinical experience affected the design of oxcarbazepine and eslicarbazepine acetate**

Meir Bialer, Israel

**Pharmacology and clinical therapeutics of CBZ and its progeny**

Eugen Trinko, Austria

**How does enzyme induction impact carbamazepine's current and future position in epilepsy therapy?**

Martin Brodie, United Kingdom

## PARALLEL SESSION

## Hall A4

14:30 – 16:00

**Deciphering epigenetic mechanisms of epileptogenesis***Co-chair: Christophe Bernard, France**Co-chair: Ingmar Blümcke, Germany***Epileptogenesis-related genomic DNA methylation in a rat SE model**

Katja Kobow, Germany

**Analysis of epigenetic factors for excitability in human epileptic tissue**

Albert Becker, Germany

**Epileptogenesis-related genomic DNA methylation in a rat acquired epilepsy models: similar rather than different?**

Katarzyna Lukasiuk, Poland

**Altered expression of histone deacetylases in a mouse model of temporal lobe epilepsy**

Günther Sperk, Austria

PAEDIATRICS

BASIC SCIENCE

PHARMACOLOGY

SURGERY

OTHER CATEGORY

DIAGNOSTICS

EPIDEMIOLOGY

SEMIOLOGY AND CLASSIFICATION

## PROGRAMME

SUNDAY 29<sup>TH</sup> JUNE

## PARALLEL SESSION

Hall A6

14:30 – 16:00

**Somatic comorbidity in epilepsy***Co-chair: Dale C. Hesdorffer, USA**Co-chair: Lars Forsgren, Sweden***Genetics of somatic comorbidities**

Sanjay Sisodiya, United Kingdom

**Concepts, importance and examples of somatic comorbidity in general**

Raoul Hennekam, Netherlands

**Epilepsy and cancer**

Ley Sander, United Kingdom

## PARALLEL SESSION

Hall K1 &amp; 2

14:30 – 16:00

**Unverricht-Lundborg Disease from 1891 to 2014***Co-chair: Sulev Haldre, Estonia**Co-chair: Ruta Mameniškienė, Lithuania***H Lundborg: his research and contributions**

Peter Mattsson, Sweden

**Lessons learned from genetic studies of ULD**

Anna-Elina Lehesjoki, Finland

**ULD: genotype and phenotypes**

Reetta Kälviäinen, Finland

**Medical management of ULD today**

Pierre Genton, France

PAEDIATRICS

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PHARMACOLOGY

SURGERY

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SEMIOLOGY AND CLASSIFICATION

## PROGRAMME

SUNDAY 29<sup>TH</sup> JUNE

## PARALLEL SESSION

Hall K11

14:30 – 16:00

**Emotion recognition and social cognition in temporal lobe epilepsy***Co-chair: Petr Marusic, Czech Republic**Co-chair: Hrvoje Hecimovic, Croatia***Facial emotion recognition in temporal lobe epilepsy patients**

Stefano Meletti, Italy

**Social cognition in temporal lobe epilepsy patients**

Hennric Jokeit, Switzerland

**Social cognition in children with epilepsy**

Mary Lou Smith, Canada

**Postoperative changes in emotional recognition and social cognition in temporal lobe epilepsy patients**

Jana Amlerova, Czech Republic

## PARALLEL SESSION

Victoria Hall

14:30 – 16:00

**Epilepsy Advocacy Europe Symposium: A political agenda for supporting epilepsy care and research in Europe***Co-chair: Athanasios Covanis, Greece**Co-chair: Philippe Ryvlin, France***The ILAE-IBE roadmap in advocating for epilepsy care and research**

Athanasios Covanis, Greece

**A summary of the epilepsy projects financed by FP7**

Hannah Cock, United Kingdom

**An update on initiatives at national level**

Phil Lee, United Kingdom

PAEDIATRICS

BASIC SCIENCE

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SURGERY

OTHER CATEGORY

DIAGNOSTICS

EPIDEMIOLOGY

SEMIOLOGY AND CLASSIFICATION



## PROGRAMME

SUNDAY 29<sup>TH</sup> JUNE

## PARALLEL SESSION

## Hall A2

16:30 – 18:00

**Neurobiology Symposium: Anti-epileptogenesis in genetic forms of epilepsy: can we prevent or reverse the phenotype?***Co-chair: Jeff Noebels, USA**Co-chair: Christophe Bernard, France***Epileptogenesis and possible anti-epileptogenic approaches in Na<sup>+</sup> channel-related epilepsies**

Massimo Mantegazza, France

**In utero and post-natal interventions in malformations of cortical development**

Alfonso Represa, France

**mTOR modulates epileptogenesis and comorbidities in a rat model of absence epilepsy**

Emilio Russo, Italy

**Diuretic treatment during a critical period of development prevents a genetic form of epilepsy**

Dirk Isbrandt, Germany

PAEDIATRICS

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## PROGRAMME

SUNDAY 29<sup>TH</sup> JUNE

## PARALLEL SESSION

## Hall K1 &amp; 2

16:30 – 18:00

**New procedures for involvement of the epilepsy community in ILAE position papers: First practical experiences***Co-chair: Solomon L. Moshé, USA**Co-chair: Helen Cross, United Kingdom***Procedures for ILAE Position papers**

Emilio Perucca, Italy

**The role of Epilepsia in the review process**

Gary Mathern, USA

**The impact of public comments: The practical definition of epilepsy**

Samuel Wiebe, Canada

**The impact of public comments: The organization of epilepsies**

Ingrid Scheffer, Australia

18:30 – 19:30

## Victoria Hall

**WELCOME CEREMONY**

19:30 – 20:30

## Victoria Hall

**WELCOME RECEPTION**

PAEDIATRICS

BASIC SCIENCE

PHARMACOLOGY

SURGERY

OTHER CATEGORY

DIAGNOSTICS

EPIDEMIOLOGY

SEMIOLOGY AND CLASSIFICATION



MONDAY 30<sup>TH</sup> JUNE

	Victoria Hall	A2	A4
07:30-08:00			
08:00-08:30	<b>What Not To Do (1)</b> Red flags in semiology in epileptic seizures	<b>Seizure Semiology</b> Smirgenahord (1)	<b>Found in translation (1)</b> Translational models of epileptogenesis
08:30-09:00			
09:00-09:30			
09:30-10:00	<b>Oral presentation</b> Hewson in semiology		
10:00-10:30			
10:30-11:00			
11:00-11:30	Coffee Break		
	A2	K1	A6
11:30-12:00	<b>Targeted approaches in childhood epilepsy</b>	<b>Neuroimaging</b>	<b>Genetics</b>
12:00-12:30			
12:30-13:00			
13:00-13:30	Lunch & Posters		
13:30-14:00			
14:00-14:30			
14:30-15:00			
15:00-15:30	<b>New insights in epilepsy genetics</b>	<b>Sudden unexpected death in epilepsy: From new insights into mechanisms to prevention opportunities</b>	<b>Illuminating epileptic brain</b>
15:30-16:00			
16:00-16:30			
16:30-17:00	<b>Sandvik Symposium</b>		
17:00-17:30			
17:30-18:00			
18:00-18:30			
18:30-19:00	<b>Sandvik Symposium</b>		
19:00-19:30			
19:30-20:00			
20:00-20:30			
20:30-21:00			

A6	K1&2	K11	
ABC of epidemiology		Antiepileptic drugs 3	07:30-08:00
			08:00-08:30
			08:30-09:00
			09:00-09:30
			09:30-10:00
			10:00-10:30
			10:30-11:00
			Coffee Break
A4	K2	K11	
Antiepileptic drugs - I	Epileptogenesis	Neuroprotection and cell therapies	11:30-12:00
			12:00-12:30
			12:30-13:00
Lunch & Posters			13:00-13:30
Different approaches to design and early assessment of new antiepileptic drugs (AEDs)	Epileptic seizures: epilepsy as a disease entity	What needs to be done to improve epilepsy	13:30-14:00
			14:00-14:30
			14:30-15:00
			15:00-15:30
			15:30-16:00
			16:00-16:30
			16:30-17:00
			17:00-17:30
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			18:30-19:00
			19:00-19:30
			19:30-20:00
20:00-20:30			
20:30-21:00			

## PROGRAMME

MONDAY 30<sup>TH</sup> JUNE

## TEACHING SESSION

## Hall A2

07:30 – 09:00

**Seizure semiology smörgåsbord: Classification of seizures and their anatomical correlates. What have we learned from functional brain stimulation, SISCOT and fMRI**

*Co-chair: Roland Flink, Sweden*

*Co-chair: Kristina Källén, Sweden*

## TEACHING SESSION

## Hall A4

07:30 – 09:00

**Found in translation, basic science explained: translational models of epileptogenesis**

*Chair: Wolfgang Löscher, Germany*

**Epilepsy developing after Status Epilepticus**

*Astrid Nehlig, France*

**Epilepsy developing after traumatic brain injury and stroke**

*Asla Pitkänen, Finland*

**Epilepsy developing in genetic models**

*Antoine Depaulis, France*

## TEACHING SESSION

## Hall A6

07:30 – 09:00

**ABC of epilepsy epidemiology**

*Co-chair: Ley Sander, United Kingdom*

*Co-chair: Dale C. Hesdorffer, USA*

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## PLATFORM SESSION

Hall K11

07:30 – 09:00

**Antiepileptic drugs 3***Co-chair: Steve White, USA**Co-chair: Peter Wolf, Denmark***Antiepileptic drug withdrawal improves intelligence after pediatric epilepsy surgery; the TimeToStop (TTS) study**

Kim Boshuisen, Netherlands

**Response to antiepileptic drug combination in persons with drug-resistant epilepsy and relationship to the added drug when monotherapy is not enough**

Cristina Treviño-Peinado, Spain

**Structure based drug design, synthesis and screening of adenosine A2A antagonists as novel antiepileptic drugs**

Racharla Srikanth, India

**PXR transcriptional activity increases cytochrome P450 expression in human epileptic brain**

Chaitali Ghosh, USA

**Effectiveness of antiepileptic therapy in catastrophic infantile epilepsy: comparison of patients with SCN1A and PCDH19 mutations**

Jan Lotte, Germany

**Study of the antiepileptic drugs transport through the blood-brain barrier in children**

Ricardo Soares, France

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## PROGRAMME

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## TEACHING SESSION

Victoria Hall

07:30 – 09:00

**What not to do in epilepsy: red flags in the semiology of epileptic seizures***Co-chair: Christian Elger, Germany**Co-chair: Dieter Schmidt, Germany***Is it epilepsy? Which type of epilepsy?**

Christian Elger, Germany

**Is it a non-epileptic attack?**

Dieter Schmidt, Germany

## CHAIRS' SYMPOSIUM

Victoria Hall

09:00 – 11:00

**Prevention in epileptology***Co-chair: Meir Bialer, Israel**Co-chair: Kristina Malmgren, Sweden***Prevention of epileptogenesis – a realistic goal?**

Astrid Nehlig, France

**Prevention of epileptogenesis – can currently available AEDs have a role?**

Simon Shorvon, United Kingdom

**Prevention of adverse effects of antiepileptic drug treatment**

Emilio Perucca, Italy

**Prevention of epilepsy-related mortality**

Torbjörn Tomson, Sweden

**Prevention of stigma**

Ann Jacoby, United Kingdom

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## PARALLEL SESSION

## Hall A2

11:30 – 13:00

**Targeted approaches in childhood epilepsy***Co-chair: Renzo Guerrini, Italy**Co-chair: Maria Dahlin, Sweden***Diet treatments – mechanisms of action**

Simon Heales, United Kingdom

**Ketogenic diet: indications and long-term results**

Tove Hallböök, Sweden

**mTOR inhibitors: efficacy on epilepsy in tuberous sclerosis patients**

Paolo Curatolo, Italy

**Early treatment with vigabatrin in tuberous sclerosis: do we affect outcome?**

Sergiusz Jozwiak, Poland

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MONDAY 30<sup>TH</sup> JUNE

## PLATFORM SESSION

## Hall A2

11:30 – 13:00

## Antiepileptic drugs 1

*Co-chair: Svein I. Johannessen, Norway**Co-chair: Martin Brodie, United Kingdom***Treatment response and side effects of add-on therapy with Perampanel; one year experience in 70 patients with focal-onset epilepsy**

Alexandra Rohrer, Austria

**Brivaracetam population pharmacokinetics in children with epilepsy aged 1 month to 16 years**

Armel Stockis, Belgium

**Evaluation of metabolic parameters over time in the perampanel pooled Phase III epilepsy studies**

Martin Brodie, United Kingdom

**Effects of perampanel on metabolic parameters in patients with refractory partial-onset seizures in extension study 307**

Philip Patsalos, United Kingdom

**Everolimus long-term safety and efficacy in patients with subependymal giant cell astrocytoma (SEGA) associated with tuberous sclerosis complex (TSC)**

David Franz, USA

**Hyponatremia with eslicarbazepine acetate (Zebinix) add in therapy in everyday clinical practice using a retrospective multicentre audit**

Manny Bagary, United Kingdom

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## PLATFORM SESSION

## Hall K2

11:30 – 13:00

**Epileptogenesis***Co-chair: Michele Simonato, Italy**Co-chair: Alon Friedman, Israel***Transcriptional changes in amyloidogenic and Tau pathways in post-traumatic epileptogenesis in APP/PS1 mouse model of Alzheimer's disease**

Diana Mischuk, Poland

**Accumulation of IgGs in hilar and CA3 neurons after a single seizure**

Phil Iffland II, USA

**The role of toll-like receptor 3 in epilepsy**

Felix Benninger, Israel

**Pathogenic potential of antibodies directed against AMPAR and GABABR in autoimmune encephalitis**

Anjan Nibber, United Kingdom

**Febrile seizures persistently alter hippocampal GABAA receptor physiology**

Ann Swijssen, Belgium

**Autoantibodies against S100B after subconcussive hits in American football players: a marker of delayed neurological sequelae?**

Damir Janigro, USA

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MONDAY 30<sup>TH</sup> JUNE

11:30 – 13:00

## PLATFORM SESSION

Hall A6

## Genetics

*Co-chair: José M. Serratosa, Spain**Co-chair: Norman Delanty, Ireland*

**Identifying the causes of pharmacoresistant epilepsy through a genome-wide association study with pathway and network analysis: from complexity to coherence to centrality**

Nasir Mirza, United Kingdom

**Mutations in GRIN2B in West syndrome and intellectual disability with childhood-onset focal epilepsy**

Johannes Lemke, Denmark

**Mutations in DEPDC5 are a major cause of lesional and non-lesional focal epilepsy**

Leanne Dibbens, Australia

**Comprehensive NGS based diagnostics in over 800 patients with epileptic disorders**

Isabelle Steiner, Germany

**Gene dose imbalances in children with brain malformations and refractory epilepsy**

Sintija Kolbjør, Sweden

**Diverse effects of different types of SCN8A mutations**

Carolien de Kovel, Netherlands

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## PLATFORM SESSION

Hall K1

11:30 – 13:00

## Neuroimaging

*Co-chair: John Duncan, United Kingdom**Co-chair: Petr Marusic, Czech Republic***Abnormal response to photic stimulation in juvenile myoclonic epilepsy: an EEG-fMRI study**

Emanuele Bartolini, Italy

**MR features of proliferative oligodendroglial hyperplasia in epilepsy (POGHE) – a novel diagnostic entity**

Friedrich Woermann, Germany

**A voxel-based morphometry study of postoperative seizure outcome in temporal lobe epilepsy**

Simon Keller, United Kingdom

**Focal cortical dysplasia on 7 tesla susceptibility weighted magnetic resonance imaging**

Tim Veersema, Netherlands

**An fMRI-based model for prediction of verbal memory decline after temporal lobectomy (TLE)**

Maria Strandberg, Sweden

**Comparative spike mapping using intracranial single-pulse electrical cortical stimulation and intracranial EEG-fMRI**

Madeline Grade, United Kingdom

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## PLATFORM SESSION

Hall K11

11:30 – 13:00

## Neuromodulation cortical dysplasia

*Co-chair: Andrew McEvoy, United Kingdom**Co-chair: Stevo Lukic, Serbia*

## Experience with the new ILAE classification on Focal Cortical Dysplasia in 60 patients

Angelika Mühlebner, Austria

## Vagus nerve stimulation triggered by ictal tachycardia-based seizure detection, a prospective multi-site study

Paul Boon, Belgium

## Focal cortical dysplasia alters functional cortical hubs in the resting-state: an MEG study at the source level

Chun Kee Chung, Korea, Republic of

## Effects of bilateral electrical stimulation of the ANT on neurocognition and quality of life in 11 adult patients with refractory epilepsy

Monika Milian, Germany

## The location of active contacts correlates with outcome after DBS of the anterior nucleus of the thalamus in refractory epilepsy

Kai Lehtimäki, Finland

## Combined ex-vivo 9.4T MRI and quantitative histopathological study in normal and pathological surgical resections in focal epilepsy

Maria Thom, United Kingdom

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MONDAY 30<sup>TH</sup> JUNE

## PARALLEL SESSION

## Hall A2

14:30 – 16:00

**New insights in epilepsy genetics***Co-chair: Norman Delanty, Ireland**Co-chair: Anna-Elina Lehesjoki, Finland***Paediatric genetic epilepsies with focal seizures: PRRT2 and ICCA**

Ingrid Scheffer, Australia

**Genetic epileptic encephalopathies**

Rima Nabbout, France

**Genetic variants predisposing to IGEs**

Holger Lerche, Germany

**Common variants affecting treatment response in epilepsy**

Sanjay Sisodiya, United Kingdom

## PARALLEL SESSION

## Hall A4

14:30 – 16:00

**Different approaches to design and early assessment of new antiepileptic drugs***Co-chair: Svein I. Johannessen, Norway**Co-chair: Dorothee Kasteleijn-Nolst Trenité, Italy***Animal model-based design of new Antiepileptic drugs**

Steve White, USA

**Pharmacokinetic-based design of new antiepileptic drugs that are follow-up compounds to existing drugs**

Meir Bialer, Israel

**Mechanism-based design of new antiepileptic drugs**

Wolfgang Löscher, Germany

**Proof of concept studies in assessment of new antiepileptic drugs**

Christian Elger, Germany

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MONDAY 30<sup>TH</sup> JUNE

## PARALLEL SESSION

## Hall A6

14:30 – 16:00

**Illuminating epileptic brain***Co-chair: Dimitri Kullmann, United Kingdom**Co-chair: Rüdiger Köhling, Germany***Optogenetic tools to control brain activity: translational overview**

Karl Deisseroth, USA

**Thalamic enlightening controls seizures**

John Huguenard, USA

**Optogenetic regulation of epileptiform activity**

Matthew Walker, United Kingdom

**Disrupting hypersynchronizations by optogenetics: activation of inhibitory interneurons**

Merab Kokaia, Sweden

## PARALLEL SESSION

## Hall K1

14:30 – 16:00

**Sudden unexpected death in epilepsy: from new insights into mechanisms to prevention opportunities***Co-chair: Rainer Surges, Germany**Co-chair: Miri Neufeld, Israel***Neurobiology of sudden unexpected death in epilepsy – basis for identification of patients at risk and for interventions**

Jeff Noebels, USA

**From unwitnessed fatality to witnessed rescue: non-pharmacological intervention**

Lina Nashef, United Kingdom

**From unwitnessed fatality to witnessed rescue: pharmacological intervention**

Philippe Ryvlin, France

**Epidemiology of sudden unexpected death in epilepsy prevention: how to test simple population based interventions?**

Leone Ridsdale, United Kingdom

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## PARALLEL SESSION

## Hall K11

14:30 – 16:00

**What more should we do? Rehabilitation in epilepsy***Co-chair: Sarah Wilson, Australia**Co-chair: Anne Sabers, Denmark***Rehabilitation in epilepsy – too little too late?***Lena Nilsson, Sweden***Rehabilitation after epilepsy surgery – what is needed and what can be achieved?***Ulrich Specht, Germany***Cognitive deficits in epilepsy – rehabilitation interventions***Gus Baker, United Kingdom***Employment and epilepsy – vocational rehabilitation***Margarete Pfäfflin, Germany*

## PARALLEL SESSION

## Hall K2

14:30 – 16:00

**Seizure detection, seizure counting – methods to improve accuracy***Co-chair: Stevo Lukic, Serbia**Co-chair: Andrea Rossetti, Switzerland***How reliably do patients count seizures? Behind the mystery of the patient's diary***Christian Hoppe, Germany***How reliable is surface EEG?***Christoph Baumgartner, Austria***Seizure detection and quantification using surface EMG and accelerometry***Sándor Beniczky, Denmark***Seizure detection and quantification by heart rate variability monitoring***Guido Rubboli, Denmark*

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16:30 – 18:00

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Satellite Symposium

Hall K2

Please see page 103 for full details on the Satellite Symposium

18:30 – 20:00

Satellite Symposium

Room A2

Please see page 103 for full details on the Satellite Symposium



TUESDAY 1<sup>ST</sup> JULY

	A2	K1	A4
07:30-08:00	Seizure Semiology Simonskjöld (2)	What Not To Do (2) Red flags for diagnosis of epilepsy	Found in translation (2) Understanding epileptogenesis at synaptic level
08:00-08:30			
08:30-09:00			
09:00-09:30			
09:30-10:00	Epilepsy syndromes: from theory to practice	Changing epileptic brain: translational challenges and opportunities	
10:00-10:30			
10:30-11:00			
11:00-11:30			
11:30-12:00	Coffee Break		
12:00-12:30	Antiepileptic drugs 2	Antiepileptic drugs	Genetic polymorphisms
12:30-13:00			
13:00-13:30			
13:30-14:00			
14:00-14:30	Lunch & Posters		
14:30-15:00	A2: association of genetic variants	Widespread 15q11-q13 in Epilepsy	Genetic polymorphisms (metabolism) and treatment response
15:00-15:30			
15:30-16:00			
16:00-16:30			
16:30-17:00	Satellite Symposium		
17:00-17:30			
17:30-18:00			
18:00-18:30			
18:30-19:00			
19:00-19:30			
19:30-20:00			
20:00-20:30			
20:30-21:00			

A6	K2	K11	
VIREPA at work EED in the diagnosis and management of epilepsy	Scientific Symposium	Seizure suppression	07.00-08.00
			08.00-08.30
			08.30-09.00
			09.00-09.30
			09.30-10.00
			10.00-10.30
			10.30-11.00
Coffee Break			11.00-11.30
Translational biomarkers and targets for epileptogenesis	Pathways and networks	Epileptic encephalopathies	11.30-12.00
			12.00-12.30
Lunch & Posters			12.30-13.00
			13.00-13.30
			13.30-14.00
Epidemiology of epilepsy: From biomarkers to clinical contributions	New insights in epileptic encephalopathies	Role of glia in epileptogenesis	14.00-14.30
			14.30-15.00
			15.00-15.30
			15.30-16.00
			16.00-16.30
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			18.00-18.30
			18.30-19.00
			19.00-19.30
			19.30-20.00
			20.00-21.00

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07:30 – 09:00

## Satellite Symposium

Hall K2

*Please see page 104 for full details on the Satellite Symposium*

07:30 – 09:00

## TEACHING SESSION

Hall A2

**Seizure semiology smörgåsbord: Analysis of seizure evolution. Localizing and lateralizing signs from focal onset to generalization and during the postictal period. How reliable are they?**

Co-chair: Kristina Källén, Sweden

Co-chair: Roland Flink, Sweden

07:30 – 09:00

## TEACHING SESSION

Hall A4

**Found in translation, basic science explained: understanding epileptogenesis on synaptic level**

Co-chair: My Andersson, Sweden

Co-chair: Christine Ekdahl Clementson, Sweden

**Tonic GABAergic signaling and epilepsy**

Joakim Strandberg, Sweden

**Excitatory synaptic remodeling**

Valerie Crepel, France

**Plasticity at the axonal initial segment**

Hansjürgen Volkmer, Germany

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## TEACHING SESSION

## Hall A6

07:30 – 09:00

**VIREPA at work: EEG in the diagnosis and management of epilepsy***Chair: Walter Van Emde Boas, Netherlands***EEG in the diagnosis and management of epilepsy**

Dana Craiu, Romania

Ruta Mameniškienė, Lithuania

Bodgan Lorber, Slovenia

## TEACHING SESSION

## Hall K1

07:30 – 09:00

**What not to do in epilepsy: red flags for diagnosis of epilepsy***Co-chair: Christian Elger, Germany**Co-chair: Dieter Schmidt, Germany***How to mishandle diagnostic tests such as EEG and MRI**

Christian Elger, Germany

**How to miss the diagnosis of epilepsy**

Dieter Schmidt, Germany

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PLATFORM SESSION

Hall K11

07:30 – 09:00

Seizure suppression

Co-chair: Astrid Nehlig, France

Co-chair: John Huguenard, USA

Changes in cerebrovascular PDGFR and NG2 pericytes after seizures

Sebastien Milesi, France

Targeting hyperphosphorylated tau is a disease-modifying treatment in a post-status epilepticus rat model of temporal lobe epilepsy

Ping Zheng, Australia

The effect of dexamethasone on absence seizures of rats with genetic absence epilepsy

Tugba Eryigit, Turkey

Anticonvulsant activity of feeding restriction in acute seizure model induced by lithuim-pilocarpine in adult rats

Jorge Landgrave-Gómez, Mexico

The redox state of high mobility group box 1 (HMGB1) protein mediates its detrimental effects on seizures and NMDA-induced cell loss

Silvia Balosso, Italy

Allopurinol reduces seizure severity and the inflammatory response in a mouse model for status epilepticus: a potential role for uric acid in ictogenesis

Lisa Thyron, Belgium

SCIENTIFIC PROGRAMME



## PROGRAMME

TUESDAY 1<sup>ST</sup> JULY

## MAIN SESSION

## Hall A2

09:00 – 11:00

**Epilepsy syndromes: from infancy to adulthood***Co-chair: Federico Vigevano, Italy**Co-chair: Athanasios Covanis, Greece***Idiopathic generalized epilepsies: overlap and differences**

Paolo Tinuper, Italy

**Idiopathic focal epilepsies: overlap and differences**

Ulrich Stephani, Germany

**Temporal lobe epilepsy: how the age influences the syndrome?**

Andras Fogarasi, Hungary

**Dravet Syndrome: from infancy to adulthood**

Ingrid Scheffer, Australia

## MAIN SESSION

## Hall K1

09:00 – 11:00

**Changing epileptic brain: translational challenges and opportunities***Co-chair: Merab Kokaia, Sweden**Co-chair: Vicky Whittemore, USA***How to make basic research translational?**

Michele Simonato, Italy

**Novel perspectives in gene therapy translation**

Dimitri Kullmann, United Kingdom

**Translating inflammation into therapy**

Annamaria Vezzani, Italy

**Epigenetics and master regulators in translation**

David Henshall, Ireland

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## PLATFORM SESSION

## Hall A2

11:30 – 13:00

## Antiepileptic drugs 2

*Co-chair: Cecilie Johannessen Landmark, Norway**Co-chair: Wolfgang Löscher, Germany***The impact of the overall drug load on memory and executive functions: number of antiepileptic drugs versus total daily defined dose (WHO)**

Juri-Alexander Witt, Germany

**YKP3089 in partial-onset seizures: a randomized, double-blind, placebo-controlled study**

Jacqueline French, USA

**From early add-on lacosamide to monotherapy conversion: results of REALLY study**

Vicente Villanueva, Spain

**Stereoselective anticonvulsant and pharmacokinetic analysis of valnoctamide, a CNS-active derivative of valproic acid with low teratogenic potential**

Tawfeeq Shekh-Ahmad, Israel

**Lacosamide conversion to monotherapy: effects on partial-onset seizure frequency in a historical-controlled multicenter, double-blind, randomized trial**

Terence O'Brien, Australia

**Monitoring antiepileptic drug concentration with a dried blood spot(DBS) technique: comparison of DBS and routine capillary plasma levels in children**

Katarina Wide, Sweden

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## PLATFORM SESSION

## Hall A4

11:30 – 13:00

## Clinical neurophysiology

*Co-chair: Jean Gotman, Canada**Co-chair: Milan Brazdil, Czech Republic***Cortical modularity breakdown in the epileptic brain**

Alessandra Del Felice, Italy

**High density EEG improves detection of high frequency oscillations on scalp EEG**

Josefine Schwind, Germany

**What is the role of thalamo-cortical synchrony in seizure termination?**

Elisa Evangelista, France

**Synchronization and brain connectivity in patients with focal periodic activity in scalp EEG: ictal features**

Irache Maestro Saiz, Spain

**Auditory-verbal reminiscence experiences suggesting a functional interaction of insular-temporal networks: cortical stimulation data in epileptic patients**

Julia Scholly, France

**Ictal offset patterns and post-ictal dynamics in focal epilepsies-a SEEG study**

Mihai Dragos Maliia, Romania

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## PLATFORM SESSION

## Hall K2

11:30 – 13:00

**Epilepsy and cognition***Co-chair: Mary Lou Smith, Canada**Co-chair: Gus Baker, United Kingdom***Preoperative cognitive functions in patients with low-grade brain tumors within the temporal lobe**

Viola Vogt, Germany

**Emotion's recognition in medial temporal lobe epilepsy: a systematic review**

Giulia Monti, Italy

**Parental education predicts intelligence after epilepsy surgery in children**

Joost Meekes, Netherlands

**SUDEP disclosure in young adults with epilepsy: patients' reaction, perception of risk, views on timing and behavioural change**

Susan Duncan, United Kingdom

**Theory of mind after temporal lobe epilepsy surgery**

Anna Rita Giovagnoli, Italy

**Interictal epileptic activity interferes with frontal lobe function in temporal lobe epilepsy**

Vera Dinkelacker, France

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## PLATFORM SESSION

Hall K1

11:30 – 13:00

**Epilepsy surgery***Co-chair: Arto Immonen, Finland**Co-chair: Petia Dimova, Bulgaria***The use of 3D multimodality imaging in the presurgical evaluation of epilepsy**

Mark Nowell, United Kingdom

**Seizure outcome after resective epilepsy surgery in infancy and early childhood**

Jesper Reinholdson, Sweden

**Temporal plus seizures are the main prognostic factor for unfavourable surgical outcome in patients with temporal lobe epilepsy**

Philippe Kahane, France

**Timing of early and late seizure recurrence after temporal lobe epilepsy surgery**

David Steven, Canada

**Epilepsy surgery in children with benign glio-neural tumors**

Alexander Golovtsev, Russian Federation

**Resective reoperations in Sweden 1990-2010 – a national prospective observational study**

Bertil Rydenhag, Sweden

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TUESDAY 1<sup>ST</sup> JULY

## PLATFORM SESSION

Hall K11

11:30 – 13:00

**Epileptic encephalopathies***Co-chair: Eija Gaily, Finland**Co-chair: Ulrich Stephani, Germany***The emerging phenotype of SCN8A encephalopathy**

Jan Larsen, Denmark

**Long term clinical and cognitive outcome in subjects with PCDH19 mutation**

Francesca Darra, Italy

**AEDs efficacy in the Dravet syndrome: a cross-sectional study**

Paola De Liso, Italy

**Genetic analysis in infantile epileptic encephalopathies with movement disorder: a single center study**

Jun Tohyama, Japan

**Treatment of encephalopathy with electrical status epilepticus in sleep (ESES) – meta-analysis and upcoming randomized controlled trial**

Bart Van den Munckhof, Netherlands

**Diffusion tensor imaging in Rolandic epilepsy**

Colm McGinnity, United Kingdom

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TUESDAY 1<sup>ST</sup> JULY

## PARALLEL SESSION

## Hall A6

11:30 – 13:00

**Translational biomarkers and targets for epileptogenesis***Co-chair: Annamaria Vezzani, Italy**Co-chair: Natalia Gulyaeva, Russian Federation***MRI biomarkers for post-traumatic epileptogenesis**

Asla Pitkänen, Finland

**PET imaging in models of epileptogenesis and chronic epilepsy**

Stefanie Dedeurwaerdere, Belgium

**Imaging blood-brain barrier dysfunction as a biomarker for epileptogenesis**

Alon Friedman, Israel

**Crosstalk between biomarker and treatment target identification: from experimental models to human epileptogenesis**

Albert Becker, Germany

## SPECIAL SYMPOSIUM

## Hall A2

14:30 – 16:00

**ILAE classification in clinical practice***Co-chair: Helen Cross, United Kingdom**Co-chair: Sameer Zuberi, United Kingdom***Overview – where are we now?**

Helen Cross, United Kingdom

**Epileptic spasms – a clinical dilemma**

Christian Korff, Switzerland

**Focal seizures, descriptors and aetiology**

Edouard Hirsch, France

**Syndromology; age doesn't matter**

Carla Marini, Italy

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TUESDAY 1<sup>ST</sup> JULY

## PARALLEL SESSION

## Hall A4

14:30 – 16:00

**Single pulse stimulation in presurgical assessment of epilepsy***Chair: Gonzalo Alarcon, United Kingdom***Responses to intracranial single pulse electrical stimulation: clinical and pathophysiological significance**

Antonio Valentin, United Kingdom

**Cortico-cortical evoked potentials: the Cleveland Clinic experience**

Rei Enatsu, USA

**Single pulse electrical stimulation and high frequency oscillations**

Maryse Van Klooster, Netherlands

**Non-invasive alternatives: transcranial magnetic stimulation**

Vasilios Kimiskidis, Greece

## PARALLEL SESSION

## Hall A6

14:30 – 16:00

**Epidemiology of epilepsy: from fundamentals to future contributions***Co-chair: Ley Sander, United Kingdom**Co-chair: Lars Forsgren, Sweden***Epilepsy epidemiology in the era of new ILAE definitions and organizations of seizures and epilepsy**

Ettore Beghi, Italy

**What have we learned from epidemiology on etiologies and comorbidities of epilepsy?**

Dale C. Hesdorffer, USA

**New insights into the prognosis of epilepsy**

Aidan Neligan, United Kingdom

**How can the nationwide patient registries be utilized to advance our understanding of epilepsy and its consequences?**

Jakob Christensen, Denmark

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## PROGRAMME

TUESDAY 1<sup>ST</sup> JULY

## SPECIAL SYMPOSIUM

Hall K1

14:30 – 16:30

**Symposium of Excellence in Epileptology***Co-chair: Meir Bialer, Israel**Co-chair: Martin Brodie, United Kingdom***Mechanisms of pharmacoresistance in epilepsy: development of models and concepts**

Wolfgang Löscher, Germany

**Seizures, behaviours and central pattern generators**

Carlo Alberto Tassinari, Italy

**The clinical contribution of simultaneous EEG and fMRI for mapping focal epileptic activity**

Serge Vulliemoz, Switzerland

**Brain imaging of astrocyte activation as biomarker of epileptogenesis**

Teresa Ravizza, Italy

**Fractalkine and human temporal lobe epilepsy: focus on GABAergic transmission**

Cristina Roseti, Italy

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TUESDAY 1<sup>ST</sup> JULY

## PARALLEL SESSION

## Hall K1

14:30 – 16:00

**Role of glia in epileptogenesis***Co-chair: Erik Taubøll, Norway**Co-chair: Christian Steinhäuser, Germany***Age-related impairment of neuron-glia interactions in rats with epilepsy***Astrid Nehlig, France***Astrocytic activity in the age-dependent development of spike-and-wave discharges in genetic absence epilepsy rats***Filiz Onat, Turkey***Crucial role of impaired astrocyte gap junction coupling in epilepsy***Christian Steinhäuser, Germany***Roles of the glial water channel AQP4 and the potassium channel Kir4.1 in epilepsy***Kjell Heuser, Norway*

## PARALLEL SESSION

## Hall K2

14:30 – 16:00

**New insights in epileptic encephalopathies***Co-chair: Solomon L. Moshé, USA**Co-chair: Alexis Arzimanoglou, France***What do animal studies teach us?***Martin Holtkamp, Germany***The role of epileptiform activity during sleep***Maria Peltola, Finland***Epileptic encephalopathy versus encephalopathy with epilepsy***Nicola Specchio, Italy***From diagnosis to therapeutic approach***Colin Ferrie, United Kingdom*

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16:30 – 18:00

## Satellite Symposium

Hall A2

*Please see page 105 for full details on the Satellite Symposium*

18:00 – 19:30

## Satellite Symposium

Hall K1

*Please see page 106 for full details on the Satellite Symposium*

19:00 – 21:00

## City Hall Reception

Off-site Reception at Stockholm City Hall

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WEDNESDAY 2<sup>ND</sup> JULY

	A2	K1	A4
07.30-08.00	<b>Seizure Semiology Smetsdorf (3)</b>	<b>What Not To Do (3) Red flags: time for antiepileptic drugs and time for surgery</b>	<b>Found in translation (3) The role of mitochondria and reactive oxygen species in epileptogenesis - from bench to bedside</b>
08.00-08.30			
08.30-09.00			
09.00-09.30			
09.30-10.00			
10.00-10.30	<b>Antiepileptic Pharmacokinetics Gutberg<sup>1</sup></b>	<b>Pharmacotherapy of the future: new molecules, new targets, new goals</b>	
10.30-11.00			
11.00-11.30			
11.30-12.00			
12.00-12.30			
12.30-13.00	<b>Coffee Break</b>		
13.00-13.30	<b>Antiepileptic treatment</b>	<b>Genetic epidemiology Lepretiere</b>	<b>Biomarkers and Ictogenesis</b>
13.30-14.00			
14.00-14.30			
14.30-15.00			
15.00-15.30			
15.30-16.00	<b>Lunch &amp; Posters</b>		
16.00-16.30	<b>European Union Medicines Agency Symposium: epilepsy and new antiepileptic drugs related to the commission</b>	<b>Withdrawal of antiepileptic drugs: possibilities and consequences</b>	<b>Commission on European Drugs - birth certificate Commission on European Drugs - responsibilities, strengths and limitations of established</b>
16.30-17.00			
17.00-17.30			
17.30-18.00			
18.00-18.30			
18.30-19.00	<b>Antiepileptic therapy</b>	<b>Commission on European Affairs Symposium - regulatory issues with antiepileptic drugs: a European perspective</b>	<b>Controversial issues in the management of women with epilepsy considering pregnancy</b>
19.00-19.30			
19.30-20.00			
20.00-20.30			
20.30-21.00			

A6	K2	K11	
WREPA at work Neuroimaging	Low-dose	EGE Forum: Fifty years of therapeutic drug monitoring: what has it taught us and what can be expected in future?	09.00-10.00 09.00-09.30 09.30-10.00
			10.00-10.30 10.30-12.00 12.00-12.30 12.30-1.00
Coffee Break			1.00-1.30
The evolution of epilepsy surgery	Epileptology and progress	Status epilepticus	1.30-12.00 12.30-12.35 12.35-13.00
Lunch & Posters			13.00-13.30 13.30-13.00 14.00-14.30
Improving yield and safety of the Epilepsy Monitoring Unit	Antiepileptic drug resistance epilepsy: how to handle?	Epilepsy at EGU and beyond: the importance of epilepsy care	14.30-15.00 15.00-15.30 15.30-16.00
			16.30-17.00 17.00-17.30
The Mefenol Danish surgery	Basal Ganglia	Subsistence and environment change	17.30-17.00 17.30-18.00
			18.00-18.00 18.00-18.00 18.30-18.30 19.00-19.00 19.30-19.30

## PROGRAMME

WEDNESDAY 2<sup>ND</sup> JULY

## TEACHING SESSION

## Hall A2

07:30 – 09:00

**Seizure semiology smörgåsbord: Seizure semiology in surgical candidates. Selected patients from the National Swedish Epilepsy Surgery Registry are demonstrated with reports of outcome from different surgical procedures and histological pathology**

*Co-chair: Roland Flink, Sweden*

*Co-chair: Kristina Källén, Sweden*

## TEACHING SESSION

## Hall A4

07:30 – 09:00

**Found in translation, basic science explained: the role of mitochondria and reactive oxygen species in epileptogenesis – from bench to bedside**

Chair: Matthew Walker, United Kingdom

**Mitochondria, ROS and epilepsy – potential treatment strategies**

Stjepana Kovac, United Kingdom

**Mitochondrial involvement in temporal lobe epilepsy**

Wolfram S. Kunz, Germany

**Mitochondrial encephalopathies in childhood epilepsy: current and potential drug targets**

Shamima Rahman, Sweden

## TEACHING SESSION

## Hall A6

07:30 – 09:00

**VIREPA at work: Neuroimaging**

*Chair: Petr Marusic, Czech Republic*

**Neuroimaging**

Petia Dimova, Bulgaria

Hrvoje Hecimovic, Croatia

Ioana Mindruta, Romania

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## TEACHING SESSION

## Hall K1

07:30 – 09:00

**What not to do in epilepsy: red flags - time for antiepileptic drugs and time for surgery***Co-chair: Christian Elger, Germany**Co-chair: Dieter Schmidt, Germany***How to miss the best time for surgery***Christian Elger, Germany***How to miss the best time to start or to stop antiepileptic drugs***Dieter Schmidt, Germany*

## ECE FORUM

## Hall K11

07:30 – 09:00

**Fifty years of therapeutic drug monitoring; what has it taught us and what can be expected in future?***Chair: David Berry, United Kingdom***What have we learned from Therapeutic Drug Monitoring of AEDs?***David Berry, United Kingdom***If you think routine TDM useful, where is the evidence?***Tony Marson, United Kingdom***Therapeutic Drug Monitoring of newly licensed AEDs and the future of TDM***Svein I. Johannessen, Norway*

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07:30 – 09:00

## PLATFORM SESSION

Hall K2

## Late abstracts

*Co-chair: Vicky Whittemore, USA**Co-chair: Graeme Sills, United Kingdom***Advanced clarity methods for rapid and high-resolution imaging of intact tissues**

Raju Tomer, USA

**Is hippocampal sclerosis the most important prognostic factor of intractability in adult patients with partial epilepsy?**

Franck Semah, France

**Collagen VI modulates synaptic transmission in the hippocampus**

Tania Ramos-Moreno, Sweden

**Regions belonging to an epileptic network are abnormally connected also without spikes**

Francesca Pittau, Switzerland

**Additional yield of MRI and long-term EEG in first unprovoked seizure setting**

Loraine Fisch, Switzerland

**Mid and long term outcomes of medically refractory epilepsy and neurocognitive difficulties following staged MRI-guided laser thermal ablation in pediatric patients with tuberous sclerosis complex**

Yaman Eksioglu, USA

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## MAIN SESSION

## Hall A2

09:00 – 11:00

**Who benefits from epilepsy surgery?***Co-chair: Philippe Kahane, France**Co-chair: Reetta Kälviäinen, Finland***Why do patients risk brain surgery for epilepsy?***Kristina Malmgren, Sweden***What do we know about long-term seizure outcomes in adults and children?***John Duncan, United Kingdom***How well can we predict individual risks and benefits?***Arto Immonen, Finland***How can we help patients to a better life after epilepsy surgery?***Sarah Wilson, Australia*

## MAIN SESSION

## Hall K1

09:00 – 11:00

**Pharmacotherapy of the future: new molecules, new targets, new goals***Co-chair: Elinor Ben-Menachem, Sweden**Co-chair: Philippe Ryvlin, France***Novel molecular targets in epileptogenesis***Asla Pitkänen, Finland***Modulating the NMDA receptor with Ketamine***Matthew Walker, United Kingdom***Modulating serotonin in epilepsy: why and how?***Frank Gilliam, USA***Bumetamide in humans: what are the current evidence***Eugen Trinkla, Austria*

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## PLATFORM SESSION

## Hall A2

11:30 – 13:00

**Antiepileptic treatment***Co-chair: Vasilios Kimiskidis, Greece**Co-chair: Bernd Schmidt, Germany***Dose-dependent teratogenicity of valproate in mono- and combination therapy**

Torbjörn Tomson, Sweden

**Fractures in people with a diagnosis of epilepsy: a population based study**

William Pickrell, United Kingdom

**Experience and results of repetitive transcranial magnetic stimulation application on refractory temporal epilepsy**

Volha Kistsen, Belarus

**Availability of antiepileptic drugs across Europe**

Arton Baftiu, Norway

**Use of change in EEG photo-paroxysmal-response (PPR) to predict chronic AED efficacy: does the surrogate endpoint model work? A double blind placebo controlled study of lamotrigine vs valproate modelled in JME**

Paul Timmings, New Zealand

**Meta-analysis of neurodevelopmental outcome following prenatal exposure to antiepileptic drugs**

Rebecca Bromley, United Kingdom

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## PLATFORM SESSION

## Hall A4

11:30 – 13:00

**Biomarkers and ictogenesis***Co-chair: Alfonso Represa, France**Co-chair: Marco de Curtis, Italy***24h quantitative-EEG and in vivo glutamate biosensor detects activity and circadian rhythm dependent biomarkers of pathogenesis in MeCP2 KO mouse mice**

Shilpa Kadam, USA

**Molecular imaging of inflammation reveals differences between drug-resistant and drug-sensitive animals in a chronic model of temporal lobe epilepsy**

Heidrun Potschka, Germany

**Expression of inflammation mediators in a mouse model of Temporal Lobe Epilepsy (TLE)**

Sacha Genovesi, Italy

**Role of transforming growth factor beta signaling on the upregulation of the extracellular matrix protein Tenascin C in the rat hippocampus in chronic seizure model**

Octavio Mercado-Gómez, Mexico

**Apoptosis through death receptors in temporal lobe epilepsy-associated hippocampal sclerosis**

Marcelo Teocchi, Brazil

**Role of adenosine receptors in cortical postictal refractoriness in immature rats**

Pavel Mares, Czech Republic

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## PLATFORM SESSION

Hall K2

11:30 – 13:00

**Epidemiology and prognosis***Co-chair: Lars Forsgren, Sweden**Co-chair: Ettore Beghi, Italy***Prognosis and mortality of epilepsy in a rural district of Vietnam**

Tuan Nguyen Anh, Vietnam

**Long-term prognosis of juvenile myoclonic epilepsy**

Nicola Pietrafusa, Italy

**Predicting drug-resistance in generalized epilepsy in an adult population: a case-control study**

Alexandra Voll, Canada

**Development of epilepsy in patients with posterior reversible encephalopathy syndrome (PRES)**

Sudhir Datar, USA

**Differences in cardiovascular risk factors between patients with epilepsy and referents deceased of cardiovascular causes – an exploratory analysis of a cohort study**

Mikko Simola, Finland

**Epilepsy-related clinical characteristics and mortality: a systematic review and meta-analysis of observational cohort studies**

Olli Nevalainen, Finland

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## PLATFORM SESSION

Hall K1

11:30 – 13:00

**Genetics and epilepsy syndromes***Co-chair: Federico Vigevano, Italy**Co-chair: Floor E. Jansen, Netherlands***A genetic basis for response to the ketogenic diet**

Natasha Schoeler, United Kingdom

**Joining forces to identify novel genes for epileptic encephalopathies**

Tania Djémié, Belgium

**Long-term prognosis of nocturnal frontal lobe epilepsy (NFLE): a cohort study**

Laura Licchetta, Italy

**Morphometric and functional MRI correlates in eyelid myoclonia with absences**

Anna Elisabetta Vaudano, Italy

**Investigation of genetic causes of epilepsy in children with non-specific intellectual disability using aCGH-based technology**

Magdalena Budisteanu, Romania

**SCN2A-related epileptic encephalopathies: extended phenotype and response to sodium channel blockers**

Markus Wolff, Germany

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## PLATFORM SESSION

Hall K11

11:30 – 13:00

**Status epilepticus***Co-chair: Aidan Neligan, United Kingdom**Co-chair: Tobias Cronberg, Sweden***Infections in status epilepticus: a retrospective 5-year cohort study**

Johan Zelano, Sweden

**Etiology, clinical course and response to the treatment of superrefractory status epilepticus in children: a 15-year a single center experience**

Ruzica Kravljanac, Serbia

**A global audit of treatment of refractory and super-refractory status epilepticus**

Monica Ferlisi, Italy

**Prognosis of non-covulsive status epilepticus (NCSE): relationship between SE duration and subsequent development of epilepsy**

Estevo Santamarina, Spain

**Status epilepticus prognosis: a four-year retrospective analysis in a tertiary center**

Amelia Mendes, Portugal

**Continuous EEG recording is useful to predict response to IV ketamine in children with refractory convulsive status epilepticus**

Lucrezia Ilvento, Italy

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## PARALLEL SESSION

## Hall A6

11:30 – 13:00

**The downsides of epilepsy surgery***Co-chair: Çigdem Özkara, Turkey**Co-chair: Christian Bien, Germany***Surgical and neurological complications of epilepsy surgery**

Bertil Rydenhag, Sweden

**Surgically-induced behavioural change**

Simon Shorvon, United Kingdom

**The consequences to patients of surgically-induced memory disturbance**

Sallie Baxendale, United Kingdom

**MRI negative neocortical epilepsy – the mythology of a 'seizure focus'**

Paul Boon, Belgium

## SPECIAL SYMPOSIUM

## Hall A2

14:30 – 16:00

**European Sleep Research Society Symposium: epileptic and non-epileptic sleep-related paroxysmal motor events***Co-chair: Sofia Eriksson, United Kingdom**Co-chair: Lino Nobili, Italy***Pathophysiologic interrelationship between sleep mechanisms and nocturnal focal seizures**

Florin Amzica, Canada

**Neural networks in sleep-related complex motor seizures**

Philippe Kahane, France

**Non epileptic complex motor behaviours**

Claudio Bassetti, Switzerland

**Sleep-related epilepsy and comorbidity with sleep disorders**

Raffaele Manni, Italy

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## SPECIAL SYMPOSIUM

## Hall A4

14:30 – 16:00

**Commission on European Affairs – North American Commission Symposium: Neuro-engineering: diagnostic and therapeutic opportunities***Co-chair: Paul Boon, Belgium**Co-chair: Peter Carlen, Canada***MEG: limitations and possibilities**

Hermann Stefan, Germany

**Seizure anticipation and prediction**

Andreas Schulze-Bonhage, Germany

**Implantable wireless systems for metabolic monitoring in epilepsy**

Peter Carlen, Canada

**Indirect and direct brain stimulation for seizure control**

Richard S. McLachlan, Canada

## PARALLEL SESSION

## Hall A6

14:30 – 16:00

**Improving yield and safety in the Epilepsy Monitoring Unit***Co-chair: Kristina Källén, Sweden**Co-chair: Guido Rubboli, Denmark***General safety issues in the EMU**

Judith Dobesberger, Austria

**AED tapering or withdrawal for seizure provocation: recommendations and safety issues**

Stevens Claus, Netherlands

**Risks with invasive monitoring – can we improve damage control?**

Andrew McEvoy, United Kingdom

**EMU organization, intensity of monitoring and patient management during seizures: how to improve diagnostic yields**

Sándor Beniczky, Denmark

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## PARALLEL SESSION

## Hall K1

14:30 – 16:00

**Withdrawal of antiepileptic drugs – possibilities and consequences***Co-chair: Leif Gjerstad, Norway**Co-chair: Miri Neufeld, Israel***Risk of relapse and possible predictors for successful withdrawal of AEDs***Morten I. Lossius, Norway***Timing of withdrawal of AEDs after surgery***Kees Braun, Netherlands***Possible benefits of AED withdrawal on cognition***Christoph Helmstaedter, Germany***Refractory seizures after AED withdrawal?***Tony Marson, United Kingdom*

## PARALLEL SESSION

## Hall K11

14:30 – 16:00

**Advances in EEG and imaging for localization of epileptogenic foci***Co-chair: Christoph Baumgartner, Austria**Co-chair: Roland Flink, Sweden***High density EEG source imaging***Margitta Seeck, Switzerland***High frequency oscillations (HFO) – what does it mean and how useful is it?***Julia Jacobs, Germany***EEG combined with fMRI-recording in the scanner – clinical application?***Friederike Moeller, Germany***Sophisticated PET-imaging and new tracers in epileptology***Matthias J. Koeppe, United Kingdom*

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## PARALLEL SESSION

## Hall K2

14:30 – 16:00

**Epilepsy surgery in genetic epilepsies: is it feasible?***Co-chair: Petia Dimova, Bulgaria**Co-chair: José M. Serratos, Spain***Epilepsy surgery in familial temporal lobe epilepsy**

Fernando Cendes, Brazil

**Epilepsy surgery in ADNFLE**

Paolo Tinuper, Italy

**Epilepsy surgery in tuberous sclerosis**

Floor E. Jansen, Netherlands

**Epilepsy surgery in partial forms of GEFS plus**

Helen Cross, United Kingdom

## PARALLEL SESSION

## Hall A2

16:30 – 18:00

**Autoimmune epilepsy***Co-chair: Eva Kumlien, Sweden**Co-chair: Jukka Peltola, Finland***Glutamate receptor antibodies against AMPA and NMDA receptors are present in epilepsy patients, kill neurons and damage the brain**

Mia Levite, Israel

**NMDA and GABA-receptor antibodies in encephalitis: occurrence and pathogenic mechanisms**

Marteen Titulaer, Netherlands

**Autoantibodies associated with epilepsy and other CNS disorders: new developments and future challenges**

Angela Vincent, United Kingdom

**Treatment options for autoimmune epilepsy**

Christian Bien, Germany

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## PARALLEL SESSION

## Hall A4

16:30 – 18:00

**Controversial issues in the management of women with epilepsy considering pregnancy***Co-chair: Anne Sabers, Denmark**Co-chair: Jana Zarubova, Czech Republic***Are there situations where the woman may decide not to become pregnant in relation to her epilepsy?***Lina Nashef, United Kingdom***Treatment alternatives for women with idiopathic generalized epilepsies contemplating pregnancy?***Dina Battino, Italy***Antiepileptic drugs level monitoring during pregnancy: is it useful?***Torbjörn Tomson, Sweden***Folate supplementation – uncertainties?***Dick Lindhout, Netherlands*

## PARALLEL SESSION

## Hall A6

16:30 – 18:00

**Callosotomy: past, present and future***Co-chair: Eija Gaily, Finland**Co-chair: Kees Braun, Netherlands***Indication for callosotomy and long-term outcome***Ingrid Olsson, Sweden***Surgical procedures and functional aspects***Bertil Rydenhag, Sweden***The functional anatomy of fibre crossing***Mojtaba Zarei, Iran, Islamic Republic of***A reappraisal of the disconnection syndromes***Marco Catani, United Kingdom*

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## SPECIAL SYMPOSIUM

## Hall K1

16:30 – 18:00

**Commission on European Affairs Symposium: Regulatory issues with antiepileptic drugs: a European perspective***Co-chair: Michel Baulac, France**Co-chair: Manuel Haas, United Kingdom***Challenges with the monotherapy indication**

Emilio Perucca, Italy

**Added value of a new AED: are head-to-head, add-on, comparative studies feasible?**

Michel Baulac, France

**Extrapolation of efficacy data from adults to children: the paediatric viewpoint**

Alexis Arzimanoglou, France

**Current requirements for antiepileptic drugs by EU regulators**

Karl Broich, Germany

## PARALLEL SESSION

## Hall K11

16:30 – 18:00

**The Michael Debate: Focal ictogenesis***Co-chair: Peter Wolf, Denmark**Co-chair: Jörg Wellmer, Germany***Cortical dysplasia is never focal**

Ingmar Blümcke, Germany

**Ictogenesis in idiopathic "focal" epilepsies**

Matthias J. Koepp, United Kingdom

**The syndrome of temporal lobe epilepsy reflects widespread network dysfunction**

Jean Gotman, Canada

**Are there more intelligent invasive treatment options for focal epilepsies beyond resections?**

Christian Elger, Germany

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## PROGRAMME

WEDNESDAY 2<sup>ND</sup> JULY

16:30 – 18:00

## Satellite Symposium

Hall K2

*Please see page 106 for full details on the Satellite Symposium*

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THURSDAY 3<sup>RD</sup> JULY

	A2	A4	K1	K2
08:00-09:00		Therapeutic drug monitoring in the management of epilepsy	<b>ECG Forum</b> Managing newly revealed ventricular ectopy: Should we consider treatment or protect from arrhythmia by not the chronic therapy of the drug?	<b>Learning Objectives for Supporting Systems: A4/K2 presentation format</b>
09:00-09:30	Pharmacological treatment of epilepsy – basic and pharmacokinetic aspects			
09:30-09:45				
09:45-10:00				
10:00-10:15			<b>ECG Forum</b> How long should treatment of drug-induced arrhythmias last? Should we consider treatment with medication or stop the drug?	<b>Learning Objectives for Supporting Systems: A4/K2 presentation format</b>
10:15-10:30				
10:30-10:45	Coffee Break			
10:45-11:00	Pharmacological treatment of epilepsy – clinical aspects	ECG Technicians – video CCG monitoring	<b>ECG Forum</b> Should we start treatment with anti-arrhythmic drugs?	<b>Debate 1:</b> From atypical infantile epilepsy to "encephalopathy with continuous spikes and waves during slow-wave sleep (CSWS)": how many syndromes do we need?
11:00-11:15				
11:15-11:30		Neurogenetic and network reorganization	<b>Debate 2:</b> Should post-acute status epilepticus be treated aggressively?	<b>ECG Forum</b> Compensate treatment to specific thrombotic thrombocytopenic and thrombotic thrombocytopenic syndromes?
11:30-11:45				
11:45-12:00				
12:00-12:15	Highlights Session			
12:15-12:30				
12:30-12:45				
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14:15-14:30				

K11	K16/17	K12	
<i>Topic Forum</i> Hippocampal and entorhinal cortex: Case studies of how epilepsy research uses knowledge	<i>Topic Forum</i> Hippocampal and entorhinal cortex: Case studies of how epilepsy research uses knowledge		07:00-08:00
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## PROGRAMME

THURSDAY 3<sup>RD</sup> JULY

## TEACHING COURSE

## Hall A4

07:30 – 11:00

**The role of the epilepsy nurse in the management of people with epilepsy***Co-chair: Eva Kumlien, Sweden**Co-chair: Fredrik Asztély, Sweden***The epilepsy specialist nurse in the multidisciplinary epilepsy team**

Mike Kerr, United Kingdom

**Efficacy of educational programmes for children, adolescents and adults with epilepsy**

Margarete Pfäfflin, Germany

**Benefits from epilepsy nurse intervention**

Eylert Brodtkorb, Norway

**Break****What is the evidence for guidelines for epilepsy?**

Elinor Ben-Menachem, Sweden

**How can an epilepsy nurse implement guidelines for epilepsy diagnosis and treatment?**

Anthony Linklater, United Kingdom

**Panel discussions**

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## ECE FORUM

Hall K1

07:30 – 09:00

**Managing drug resistant epilepsies across European borders:  
The case of patients from small countries and the teams taking  
care of them***Chair: Igor Ravnik, Slovenia***Managing patients with drug resistant epilepsies from small European  
countries** (includes data from a pilot questionnaire from 5 countries)

Igor Ravnik, Slovenia

**Colaborative experience** - from a referring centre (Estonia)

Inga Talvik et al, Estonia

**Colaborative experience** - from receiving centre (Finland)

Reetta Kälviäinen, Finland

**Colaborative experience** - from a referring centre (Slovenia)

Matevž Kržan, Slovenia

**Colaborative experience** - from a referring centre (France)

Martine Fohlen, France

**Wise comments to hot issues**

Olivier Delalande, France

Johann Holthausen, Germany

Helen Cross, United Kingdom

Philippe Ryvlin, France

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## ECE FORUM

## Hall K11

07:30 – 09:00

**Where is the epileptogenic zone? Case discussion of pre-surgical intracranial recordings***Chair: Marco de Curtis, Italy***Nonlinear structure to identify the epileptogenic zone: a case report**

Ralph G. Andrzejak, Spain

Kaspar Schindler, Spain

**Patient specific topographic mapping of electrophysiological biomarkers to delineate the epileptogenic zone – a case report**

Ioana Mindruta, Romania

Andrei Barborica, Romania

**Quantified frequency analysis index to identify the EZ: a case report**

Vadym Gnatkovsky, Italy

Stefano Francione, Italy

**Statistical Parametric Mapping index to identify the EZ: a case report**

Anne Sophie Job, France

Olivier David, France

**Epileptogenic index to identify the EZ: a case report**

Fabrice Bartolomei, France

Fabrice Wendling, France

**General discussion**

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## PROGRAMME

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## ECE FORUM

Hall K16 &amp; 17

07:30 – 09:00

**HFOs and spikes in intra-operative corticography***Chair: Maeike Zijlmans, Netherlands***The tailor's tools: needles, scissors and the dotted line**

Frans Leijten, Netherlands

**Intraoperative ECoG in TLE**

Hermann Stefan, Germany

**Sequential electrocorticography (ECoG) to tailor resections in focal cortical dysplasia**

Eliseu Paglioli, Brazil

**Tailoring based on High Frequency Oscillations in the intraoperative ECoG: will they make or break their promise?**

Maryse Van Klooster, Netherlands

**Forum discussion on the use of intra-operative ECoG***All above speakers*

## PARALLEL SESSION

Hall K2

07:30 – 09:00

**How to get published in Epilepsy Journals: Meet the Editors Forum***Co-chair: Frank Gilliam, USA**Co-chair: Alla Guekht, Russian Federation***Epilepsia**

Astrid Nehlig, France

**Epileptic Disorders**

Alexis Arzimanoglou, France

**Epilepsy Research**

Merab Kokaia, Sweden

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## PROGRAMME

THURSDAY 3<sup>RD</sup> JULY

## TEACHING COURSE

## Hall A2

08:00 – 09:45

**Pharmacological treatment of epilepsy – basic and pharmacokinetic aspects***Chair: Svein I. Johannessen, Norway***Mechanisms of action of AEDs**

Wolfgang Löscher, Germany

**Do mechanisms of action matter for efficacy, tolerability and AED selection?**

Graeme Sills, United Kingdom

**Clinical pharmacokinetics of AEDs**

Cecilie Johannessen Landmark, Norway

**Drug interactions and clinical management of pharmacokinetic variability**

Philip Patsalos, United Kingdom

## ECE FORUM

## Hall K1

09:30 – 11:00

**New insights into the extent of the epileptogenic zone/what to remove area from spatially restricted non-resective epilepsy surgery***Chair: Jörg Wellmer, Germany***SSEEG-guided radiofrequency thermocoagulation – indications and results**

Stefano Francione, Italy

**Gamma-knife radiosurgery: lesion oriented or SEEG-guided?**

Fabrice Bartolomei, France

**Stereotactic radiofrequency amygdalohippocampectomy for the treatment of mesial temporal lobe epilepsy**

Hana Malikova, Czech Republic

**Lesion guided radiofrequency thermocoagulation of focal cortical dysplasia type II**

Björg Wellmer, Germany

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## ECE FORUM

Hall K11

09:30 – 11:00

**European Epilepsy Biomarker project***Chair: Graeme Sills, United Kingdom***The value of genomic biomarkers in epilepsy; lessons from EPICURE & EpiPGX**

Holger Lerche, Germany

**Serum biomarkers in epilepsy; what can peripheral blood tell us about a brain disorder?**

Jukka Peltola, Finland

**Tissue biomarkers in epilepsy; what can post-surgical specimens tell us about epilepsy in general?**

Ingmar Blümcke, Germany

**The challenges of large-scale, multi-centre clinical data collection; lessons from SANAD and EpiPGX**

Tony Marson, United Kingdom

**The role of biomarkers in future drug development for epilepsy; an industry perspective**

Rafal Kaminski, Belgium

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## ECE FORUM

Hall K12

09:30 – 11:00

**Integrated models for the study of seizure mechanisms***Chair: Nicola Marchi, USA***Novel cerebrovascular culprit of seizures: imaging of pericytes**

Nicola Marchi, USA

**MRI methods for imaging of plasticity, network alterations and seizures in rat**

Olli Gröhn, Finland

**Microglial cross-talk in epileptic brain**

Francois Rassendren, France

**In vitro neuro-vascular unit**

Damir Janigro, USA

**A model of focal neocortical epilepsy**

Matthew Walker, United Kingdom

**Seizure determinants in the isolated brain preparation**

Laura Librizzi, Italy

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## ECE FORUM

Hall K16 &amp; 17

09:30 – 11:00

## Large scale brain networks in epilepsy

*Chair: Ivan Rektor, Czech Republic*

## Interactions between epileptic discharges and the Default Mode Network

Jean Gotman, Canada

## Temporal dynamics of epileptic networks studied with HD-EEG

Christoph Michel, Switzerland

## The subcortical structures in partial epilepsies

Ivan Rektor, Czech Republic

## Imaging of large scale networks

Matthias J. Koepp, United Kingdom

## ECE FORUM

Hall K2

09:30 – 11:00

## How to use and interpret EEG in the ICU

*Chair: Alejandro Rabinstein, USA*

## Framing the problem: Diagnosis and treatment of seizures and status epilepticus in the ICU

Alejandro Rabinstein, USA

## Targeting the problem in a "traditional" way: EEG patterns in the ICU

Raoul Sutter, Switzerland

## Targeting the problem in a "modern" way: when to monitor, and what to do with EEG-interpreting softwares

Andrea Rossetti, Switzerland

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## TEACHING COURSE

## Hall A2

09:45 – 15:00

**Pharmacological treatment of epilepsy – clinical aspects***Chair: Svein I. Johannessen, Norway***Strategies in the development of new AEDs – what is in the pipeline?**

Meir Bialer, Israel

**Critical reading of clinical trials of AEDs**

Bernd Schmidt, Germany

**AED selection: from evidence-based guidelines to clinical practice: children**

Helen Cross, United Kingdom

**Break****AED selection: from evidence-based guidelines to clinical practice: adults and the elderly***Elinor Ben-Menachem, Sweden***Predicting, preventing and managing adverse effects of AEDs**

Piero Perucca, Australia

**Pregnancy and breast-feeding**

Torbjörn Tomson, Sweden

**Break****Medical management of the difficult-to-treat patients**

Aidan Neligan, United Kingdom

**Termination of AED treatment in patients in remission**

Morten I. Lossius, Norway

**Update on the treatment of status epilepticus**

Eugen Trinka, Austria

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## TEACHING COURSE

## Hall A4

11:30 – 13:00

**EEG Technicians – video EEG monitoring***Chair: Roland Flink, Sweden***Setting up the video-EEG monitoring**

Christian Skaarup, Denmark

Karin Kristiansen, Denmark

**The origin of the EEG signal**

Florin Amzica, Canada

**Analyze and reporting**

Sándor Beniczky, Denmark

## ECE FORUM

## Hall K1

11:30 – 13:00

**Seizures in brain tumours: how to control them Unisono***Chair: Charles J. Veitch, France***Glutamate, IDH1 mutations and their role in gliomas and seizures**

Anna Rosati, Italy

**Use of valproate, histone acetylation and longer survival in glioblastoma**

Melissa Kerkhof, Netherlands

**Pros and cons of concomitant use of anticonvulsants and chemotherapeutic agents**

Jordi Bruna, Spain

**How to choose your anticonvulsant in brain tumor patients?**

Anja Smits, Sweden

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## ECE FORUM

Hall K11

11:30 – 13:00

**Computer-based automated seizure detection***Chair: Christoph Baumgartner, Austria***Panel discussion**

Christoph Baumgartner, Austria

Frans Leijten, Netherlands

Andreas Schulze-Bonhage, Germany

## ECE FORUM

Hall K12

11:30 – 13:00

**MRI for epileptologists: identification of therapy relevant epileptogenic lesions***Chair: Jörg Wellmer, Germany*

**Why imaging in epilepsy patients? T1, T2, FLAIR and co – the usefulness of different MRI sequences. How to read MRI? The significance of the clinical focus hypothesis MRI interactive – find the epileptogenic lesion**

Jörg Wellmer, Germany

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## ECE FORUM

Hall K16 &amp; 17

11:30 – 13:00

**MicroRNAs in the pathogenesis, treatment and prevention of epilepsy; new opportunities in epilepsy research***Chair: David Henshall, Ireland***New microRNAs targeting ion channels**

David Henshall, Ireland

**Anti-epileptogenesis after electrically induced status epilepticus in the rat: role for microRNAs?**

Jan Gorter, Netherlands

**Inflammation and miRNAs: miR-146a: a key regulator of astrocyte-mediated inflammatory**

Eleonora Aronica, Netherlands

**Anti-ictogenic and anti-inflammatory activities of miR146a in mice**

Annamaria Vezzani, Italy

**Rodent blood miRNA profiles in epilepsy**

David Henshall, Ireland

Jan Gorter, Netherlands

**Peri-ictal microRNA changes in biofluids: clinical trials**

Felix Rosenow, Denmark

**Extending the exome; deep sequencing of miRNA regions in focal epilepsy**

Sanjay Sisodiya, United Kingdom

Gianpiero Cavalleri, Ireland

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## ECE DEBATES / CONTROVERSY

## Hall K2

11:30 – 12:30

From atypical rolandic epilepsy to "encephalopathy with continuous spikes and waves during slow-wave sleep (CSWS)": how many syndromes do we need?

*Chair: Edouard Hirsch, France*

## Splitter

Renzo Guerrini, Italy

## Lumper

Sameer Zuberi, United Kingdom

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## PLATFORM SESSION

## Hall A4

13:30 – 15:00

**Neurogenesis and network reorganisation***Co-chair: Christine Ekdahl Clementson, Sweden**Co-chair: My Andersson, Sweden***Mice and rats show opposing changes in neuronal excitability following an epileptogenic brain insult**

Sonja Bröer, Germany

**Effect of experimental febrile seizures on dendritogenesis of newborn hippocampal dentate granule cells**

Marjolein Raijmakers, Belgium

**Inhibition of microglial activation via CX3CR1/fractalkine signaling pathway diminishes status epilepticus-induced hippocampal neurodegeneration and neurogenesis in the adult rat**

Idrish Ali, Sweden

**Adult neurogenesis and brain inflammation as potential biomarkers of epileptogenesis**

Deepti Chugh, Sweden

**Differential vulnerability of interneurons along the septotemporal axis of the hippocampus in experimental epilepsy**

Ute Häussler, Germany

**Phase coupling of neuronal firing to hippocampal network rhythms is preserved under epileptic conditions**

Antje Kilias, Germany

## ECE DEBATES / CONTROVERSY

## Hall K1

13:30 – 14:30

**Should post-anoxic status epilepticus be treated aggressively?***Chair: Elinor Ben-Menachem, Sweden***No**

Andrea Rossetti, Switzerland

**Yes**

Tobias Cronberg, Sweden

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## ECE FORUM

## Hall K11

13:30 – 15:00

**Negative MRI: what to do now?***Chair: Serge Vulliemoz, Switzerland***...ictal SPECT**

Wim Van Paesschen, Belgium

**...post-processing of MRI**

Niels Focke, Germany

**... EEG source imaging and EEG-fMRI**

Serge Vulliemoz, Switzerland

## ECE FORUM

## Hall K12

13:30 – 15:00

**DESIRE and euroEPINOMICS: large scale EU research networks to unveil the genetic and pathogenetic mechanisms of epileptic encephalopathies***Chair: Renzo Guerrini, Italy***Short presentation with panel discussions**

Johannes Lemke, Denmark

Carla Marini, Italy

Alfonso Represa, France

Sarah Weckhuysen, Belgium

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## ECE FORUM

Hall K16 &amp; 17

13:30 – 15:00

**Lifestyle factors: nutrition, exercise, stress reduction – role in management***Co-chair: Alan Yuen, United Kingdom**Co-chair: Ley Sander, United Kingdom***Chairman's opening remarks: Epilepsy is more than a neurological condition**

Ley Sander, United Kingdom

**Omega-3 fatty acids**

Marco Trepanier, Canada

**Magnesium**

Peter Carlen, Canada

**Physical exercise**

Ricardo Mario Arida, Brazil

**Music**

Rei-Cheng Yang, Taiwan, Republic of China

**The rationale for managing multiple lifestyle factors**

Alan Yuen, United Kingdom

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## ECE FORUM

## Hall K2

13:30 – 15:00

**Epilepsies amenable to specific treatments: metabolic and immunomediated disorders***Chair: Tiziana Granata, Italy***Case presentation**

Lucia Fusco, Italy

**Treatment: when etiology makes a difference**

Rima Nabbout, France

**Immunotherapy in epilepsy: lesson from animal models**

Damir Janigro, USA

**Case presentation**

Tiziana Granata, Italy

**Definite and possible autoimmune encephalitis: flow charts for the treatment**

Christian Bien, Germany

## HIGHLIGHTS SESSION

## Hall A2

15:00 – 16:30

**Highlights session***Co-chair: Kristina Malmgren, Sweden**Co-chair: Torbjörn Tomson, Sweden***Pharmacology highlights**

Philippe Ryvlin, France

**Basic science highlights**

Merab Kokaia, Sweden

**Surgery highlights**

Reetta Kälviäinen, Finland

**Paediatric highlights**

Federico Vigevano, Italy

PAEDIATRICS

BASIC SCIENCE

PHARMACOLOGY

SURGERY

OTHER CATEGORY

DIAGNOSTICS

EPIDEMIOLOGY

SEMIOLOGY AND CLASSIFICATION



## SATELLITE SYMPOSIA

### MONDAY 30<sup>TH</sup> JUNE

Satellite Symposium

Hall A2

16:30 – 18:00

**Eisai Ltd.: Making a mark in epilepsy care: Can we do more?**

*Chair: Torbjörn Tomson, Sweden*

**Building bridges: Managing the transition from child to adult epilepsy care**

Marina Nikanorova, Denmark

**The missing link: Uncovering and managing poor adherence**

Martin Brodie, United Kingdom

**Breaking the mould: Challenging monotherapy and the familiar choices for adjunctive therapy**

Eugen Trinka, Austria

**Panel discussion: Practicalities of prescribing perampanel ▼**

Eugen Trinka, Austria

Martin Brodie, United Kingdom

Marina Nikanorova, Denmark

Torbjörn Tomson, Sweden

Satellite Symposium

Hall A2

18:30 – 20:00

**UCB Pharma SA: Considerations & consequences - how drug; how drug treatment choices influence epilepsy outcomes**

*Chair: Elinor Ben-Menachem, Sweden*

**The advantages and pitfalls of older and newer AEDs: existing and emerging evidence**

Scott Mintzer, USA

**Fuelling an issue? Impact of disease and treatment on cognition**

Christoph Helmstaedter, Germany

**Efficacy or effectiveness: the goals of early therapy in epilepsy**

Fergus Rugg-Gunn, United Kingdom

07:30 – 09:00

**TUESDAY 1<sup>ST</sup> JULY**

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Satellite Symposium

**Hall K2****Cyberonics: Advancing patient care through innovative closed loop neurostimulation***Chair: Paul Boon, Belgium***Introduction: Refractory epilepsy – more than seizures**

Paul Boon, Belgium

**Reducing the burden of refractory epilepsy**

Philippe Ryvlin, France

**Seizure detection using autonomic signatures of epilepsy: Closing the loop**

Shivkumar Sabesan, USA

**The impact and potential of closed-loop neurostimulation**

Kristl Vonck, Belgium

**Debate: Are we advancing patient care?**Paul Boon, Belgium

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**TUESDAY 1<sup>ST</sup> JULY**

Satellite Symposium

**Hall A2****16:30 – 18:00****ViroPharma: Management of prolonged, acute, convulsive seizures for children in the community – far from PERFECT™?***Chair: Lieven Lagae, Belgium***Management of prolonged, acute, convulsive seizures in the community – what have we learnt so far?**

Lieven Lagae, Belgium

**Understanding the management of prolonged, acute, convulsive seizures – perspectives from HCPs, carers and patients**

Richard Appleton, United Kingdom

**The PERFECT™ initiative – emerging data from European-wide survey**

Federico Vigevano, Italy

**Future management of children with prolonged, acute, convulsive seizures in the community – discussion**

Rima Nabbout, France

Richard Chin, United Kingdom

**Summary and close**

Lieven Lagae, Belgium

**TUESDAY 1<sup>ST</sup> JULY**

Satellite Symposium

**Hall K2****18:00 – 19:30****NeuroSigma, Inc.: Trigeminal Nerve Stimulation: Neuromodulation for the 21<sup>st</sup> century***Chair: Christianne Heck, USA***Introduction to Trigeminal Nerve Stimulation: Background info, anatomy, basic science**

Christianne Heck, USA

**Acute and long term results in US clinical trials for epilepsy and depression**

Christianne Heck, USA

**TNS and cortical excitability: transcranial magnetic stimulation studies**

Adam Pawley, United Kingdom

**Clinical trial results at European epilepsy centres**

Lina Nashef, United Kingdom

José M. Serratosa, Spain

Sean Slaght, United Kingdom

**WEDNESDAY 2<sup>ND</sup> JULY**

Satellite Symposium

**Hall K2****16:30 – 18:00****Elekta: What can epileptologists expect from MEG?***Chair: Hermann Stefan, Germany***MEG in the presurgical evaluation of epilepsy patients: perspective of the referring centre**

Paul Boon, Belgium

**Implementation, organization, and role of a MEG laboratory in a large epilepsy surgery centre**

Richard Burgess, USA

**Future of MEG in treatment of epilepsies**

Stefan Rampp, Germany

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# POSTERS

POSTER INFORMATION  
MONDAY 30<sup>TH</sup> JUNE  
TUESDAY 1<sup>ST</sup> JULY  
WEDNESDAY 2<sup>ND</sup> JULY

## POSTERS

### GENERAL INFORMATION

The Poster Area is situated beside the Exhibition Area which is on the ground floor of Stockholmsmässan. Posters are on display here from 10:00 to 16:30 with different posters presented each day (Monday 30<sup>th</sup> June to Wednesday 2<sup>nd</sup> July).

The presenter must set up their poster between 09:00 and 10:00 and materials will be provided for affixing posters to the poster boards. The posters must be removed between 16:30 and 17:30 and please note that the 11<sup>th</sup> ECE does not take any responsibility for unclaimed posters.

The Scientific Advisory Committee has chosen to organise guided poster tours (led by experts in the field) giving researchers the opportunity to present their work during the Congress. Presenters will be available at their posters on their assigned day. Each presenter shall be given three minutes to outline their findings and answer questions.

The poster abstracts are available on the 11<sup>th</sup> ECE website [www.epilepsystockholm2014.org](http://www.epilepsystockholm2014.org) in the interactive session planner. They also appear in an online supplement of Epilepsia.

Delegates can search for abstracts by keywords and access the full papers on the Congress App which can be downloaded from the App Store on your device.

### BEST POSTERS

67 posters were selected by the Scientific Advisory Committee based on the quality of the work presented in their abstracts to be shown to the audience in special Best Poster Sessions during the morning coffee breaks in the Best Poster Presentation Area A and Area B in the Exhibition Area.

These 67 posters are listed in the following pages and also highlighted by a rosette on the Poster Session pages.





## BEST POSTERS MONDAY 30<sup>TH</sup> JUNE

11:00 – 11:30

### BEST POSTER PRESENTATION - AREA A

*Chair: Günter Kramer, Switzerland*

- p115**      **Prescribing patterns of antiepileptic drugs and interaction risk in general practice**  
Domenico Italiano, Italy
- p116**      **LACO-EXP, a retrospective study of lacosamide: dosage-response analysis on patients on a lacosamide dose  $\leq 400$  mg**  
Mercedes Garcés, Spain
- p117**      **Effects of oxcarbazepine and levetiracetam as a monotherapy on calcium and vitamin D metabolism**  
Duygu Aksoy, Cyprus
- p119**      **Adjunctive perampanel in highly drug-resistant localization-related epilepsy – a prospective audit**  
Kevin Kelly, United Kingdom
- p126**      **Efficacy and tolerance of perampanel in pharmacoresistant epilepsy in children and young people**  
Sunny Philip, United Kingdom
- p131**      **Effectiveness and tolerability of high dose Eslicarbazepine**  
Jose Camacho Velasquez, Spain
- p133**      **Conscientious personality, beliefs about antiepileptic drugs and medication adherence in people with epilepsy**  
Seth Margolis, USA
- p134**      **Retention, dosing, tolerability and patient reported seizure outcome of Zonisamide as only add-on treatment under real-life conditions in adult patients with partial onset seizures: results of the non-interventional study ZOOM**  
Edgar Kockelmann, Germany
- p135**      **Limited benefit of Perampanel in institutionalized cognitively impaired patients with highly therapy-resistant epilepsy**  
Gaby Schmid, Germany
- p136**      **Effects of prenatal antiepileptic drug exposure on newborn brain activity**  
Mari Videman, Finland
- p138**      **Perampanel in South Wales: a multi-centre clinical evaluation**  
Charlotte Lawthorn, United Kingdom

- p140** **Eslicarbazepine acetate as add-on treatment to antiepileptic monotherapy in adults with partial-onset seizures: real-world data on retention, dosing, patient reported seizure outcome and safety from an interim analysis of the open-label non-interventional study EPOS**  
*Martin Holtkamp, Germany*

11:00 – 11:30

**BEST POSTER PRESENTATION – AREA B***Chair: Alla Guekht, Russian Federation*

- p141** **Perampanel and cortical excitability: a transcranial magnetic stimulation study**  
 William Stern, United Kingdom
- p172** **High-grade gliomas: are epileptic seizures more sensitive than neuroimaging in predicting disease recurrence?**  
 Jinane Fattouch, Italy
- p178** **Interictal epileptiform discharges in new-onset epilepsy in the elderly**  
 Tomoko Toyota, Japan
- p241** **White matter choking sign and its variants: an imaging sign for detection and characterization of focal cortical dysplasia**  
 Sita Jayalakshmi Sattaluri, India
- p242** **Hyperconnectivity in juvenile myoclonic epilepsy – a network analysis**  
 Robert Powell, United Kingdom
- p252** **Time-Series analysis of EEG-MREG facilitates interpretation of BOLD responses in epilepsy**  
 Antonia Menzel, Germany
- p286** **Effectiveness of a 12 h extended release formula of ethyl-apovincaminic acid in the control of seizures in patients with refractory epilepsy**  
 María Sitges, Mexico
- p293** **Astrocytes pre-activated by ciliary neurotrophic factor show neuroprotective properties in a mouse model of mesial temporal lobe epilepsy**  
 Matthias Neef, Germany
- p294** **Sleep disorders other than parasomnias, as mimics of epilepsy**  
 A l de Weerd, Netherlands
- p311** **Long lasting memories scrutinized from electrical brain stimulation: a review and analysis of 80 years of literature in epileptic patients**  
 Jonathan Curot, France

## BEST POSTERS TUESDAY 1<sup>ST</sup> JULY

11:00 – 11:30

### BEST POSTER PRESENTATION - AREA A

*Chair: Cecilie Johannessen Landmark, Norway*

- p336**      **Use of adjunctive rufinamide for patients with Lennox-Gastaut syndrome in clinical practice**  
Stéphane Auvin, France
- p340**      **Safety and efficacy of eslicarbazepine acetate treatment in elderly patients**  
Raquel Costa, Portugal
- p341**      **Safety of eslicarbazepine acetate after 4 years of post-marketing experience in Europe**  
Helena Gama, Portugal
- p343**      **Seizure response to perampanel in a severe refractory group of epilepsy patients**  
Cora Flynn, Ireland
- p345**      **Lacosamide added to a monotherapy in epilepsy patients with partial-onset seizures: final analysis of the VITOBA study**  
Matthias Noack-Rink, Germany
- p346**      **Differences in usage of clobazam versus clonazepam for epilepsy**  
Jouko Isojarvi, USA
- p351**      **Long-term experience with lacosamide in pediatric epilepsy patients – a retrospective European multicentre report**  
Martha Feucht, Austria
- p354**      **Lacosamide monotherapy in patients with epilepsy previously treated with a combination therapy: interim results of an observational study**  
Eduardo Cumbo, Italy
- p359**      **Experience with buccal midazolam for seizure clusters in adults**  
Vanesa Fraga, Spain
- p391**      **Changes in levetiracetam plasma concentrations during pregnancy and its affection on seizure frequency**  
Noemi Andersen Becser, Denmark
- p393**      **Risk of bias and clinical heterogeneity in antiepileptic drug teratology studies**  
Jennifer Pulman, United Kingdom

## 11:00 – 11:30

## BEST POSTER PRESENTATION – AREA B

*Chair: Tove Hallböök, Sweden*

- p394**      **Teenage pregnancies in women with epilepsy clinically validated data from the Oppland perinatal registry**  
Anette Farnen, Norway
- p397**      **The effects of antiepileptic drugs on transporter expression in human placenta**  
Nino Tetro, Israel
- p432**      **NEUROdevelopment in PReschool Children Of Flife and Lothian Epilepsy Study: NEUROPROFILES – a population-based study**  
Matthew Hunter, United Kingdom
- p451**      **Effect of modifications of the national vaccination program on seizure risk following pertussis vaccination in Dravet syndrome patients in the Netherlands**  
Nienke Verbeek, Netherlands
- p452**      **Bitemporal epilepsy: a specific phenotype in the temporal lobe epilepsy spectrum?**  
Flavio Villani, Italy
- p453**      **Efficacy of the ketogenic diet in Dravet syndrome versus other therapies- when to start with?**  
Anastasia Dressler, Austria
- p454**      **Increased frequency of pre-existing seizures due to voltage-gated potassium channels (VGKC) – complex-associated LGI1 autoantibodies encephalitis**  
Katrin Gross-Paju, Estonia
- p455**      **NMDA receptor encephalitis presenting as partial status epilepticus. Case report and discussion**  
Simona Proteasa, USA
- p470**      **Neuronal networks related to the offset of absence seizures: an EEG-fMRI study**  
Laura Mirandola, Italy
- p476**      **Altered white matter integrity is associated with drug usage in epilepsy patients, a tract-based spatial statistics study**  
Jing Ding, China
- p504**      **Non-adherence to AEDs is a major cause of acute hospitalization in patients with epilepsy**  
Christian Samsonsen, Norway

## WEDNESDAY 2<sup>ND</sup> JULY

11:00 – 11:30

### BEST POSTER PRESENTATION - AREA A

*Chair: Martin Brodie, United Kingdom*

- p548**      **Comparison of artificial neural network and regression analysis for prediction of initial lamotrigine monotherapy efficacy in adult patients with newly diagnosed localization related epilepsies**  
 Stevo Lukic, Serbia
- p549**      **Antiepileptic drugs and cognitive functions in children with symptomatic and cryptogenic forms of epilepsy**  
 Svetlana Sivkova, Russian Federation
- p550**      **Retrospective evaluation of antiepileptic drugs and ketogenic diet in 40 patients with CDKL5 mutations: low long-term efficacy**  
 Christine Jansen, Germany
- p554**      **Long-term efficacy of zonisamide versus carbamazepine monotherapy for treatment of adults with newly diagnosed partial epilepsy: analysis by baseline seizure types**  
 Michel Baulac, France
- p555**      **An overall and dose-response meta-analysis of efficacy of newer generation antiepileptic drugs in the treatment of secondarily generalized tonic-clonic seizures**  
 Emilio Russo, Italy
- p559**      **Do levetiracetam (LEV) and brivaracetam (BRV) differ in their effect on the photo-paroxysmal EEG response (PPR) in epilepsy patients?: results of a retrospective, data mining study**  
 Ronald Reed, USA
- p564**      **Clinical trial feasibility and UK practice survey of rolandic epilepsy and Panayiotopoulos syndrome**  
 Deb Pal, United Kingdom
- p569**      **Brivaracetam bioavailability/bioequivalence comparison between 10, 50, 75 and 100 mg tablets and 100 mg intravenous bolus in healthy volunteers**  
 Armel Stockis, Belgium
- p570**      **Clinical experience with therapeutic drug monitoring of eslicarbazepine acetate in Norway**  
 Cecilie Johannessen Landmark, Norway
- p571**      **Patients' versus prescribers' view of antiepileptic medication**  
 Morten Mevåg, Norway
- p573**      **First clinical experiences with perampanel in Vienna**  
 Christoph Baumgartner, Austria

- p574**      **A new MEPS/HPLC-DAD assay for therapeutic drug monitoring of phenobarbital, phenytoin, carbamazepine, lamotrigine, oxcarbazepine, and their active metabolites carbamazepine-10,11-epoxide and licarbazepine in human plasma**  
*Ana Ferreira, Portugal*
- 11:00 – 11:30**      **BEST POSTER PRESENTATION – AREA B**  
*Chair: Elinor Ben-Menachem, Sweden*
- p577**      **Effect of dosing intervals on the pharmacokinetic profile of USL255, once-daily extended-release topiramate**  
*Barry Gidal, USA*
- p657**      **Cortical sources of magnetic spike-waves in 60 children with electric status epilepticus during sleep (ESES) with suspected encephalopathy**  
*Ritva Paetau, Finland*
- p659**      **The encephalopathy in Dravet syndrome is not a direct consequence of epilepsy**  
*Nicole Chemaly, France*
- p663**      **Treatment of status epilepticus and seizures in patients with KCNQ2 encephalopathy**  
*Tiziana Pisano, Italy*
- p664**      **Bumetanide and hearing loss: results of a phase I/II dose finding and feasibility trial of bumetanide for second line treatment of neonatal seizures (NEMO)**  
*Ronit Pressler, United Kingdom*
- p690**      **Transient lesion in the splenium of the corpus callosum and a sudden antiepileptic drugs withdrawal during video-EEG telemetry**  
*Dragoslav Sokic, Serbia*
- p716**      **Epileptic seizures in neuro-Behcet disease**  
*Gulnihal Kutlu, Turkey*
- p719**      **Poststroke epilepsy and functional outcome**  
*Rano Azizova, Uzbekistan*
- p724**      **The value of lumbar puncture in the diagnostic evaluation of a first unprovoked seizure**  
*Vaso Zisimopoulou, Greece*
- p727**      **Brain network organization in focal epilepsy: a systematic review and meta-analysis**  
*Eric Van Diessen, Netherlands*
- p728**      **Headache and epilepsy: prevalence and clinical features of 398 patients**  
*Francesca Bisulli, Italy*

## GUIDED POSTER TOURS

SURNAME	FIRST NAME	COUNTRY	POSTER TOUR	DATE	TIME	MEET AT POSTER
Brodie	Martin	United Kingdom	Antiepileptic Drugs 1	Monday 30th June	13:30-14:30	p109
Russo	Emilio	Italy	Antiepileptic Drugs 2	Monday 30th June	13:30-14:30	p120
Kumlien	Eva	Sweden	Antiepileptic Drugs 3	Monday 30th June	13:30-14:30	p131
Bernard	Christophe	France	Basic Science 1	Monday 30th June	13:30-14:30	p142
Sperk	Günther	Austria	Basic Science 2	Monday 30th June	13:30-14:30	p151
Delanty	Norman	Ireland	Clinical Epilepsy 1	Monday 30th June	13:30-14:30	p161
Heuser	Kjell	Norway	Clinical Epilepsy 2	Monday 30th June	13:30-14:30	p172
Van Ernde Boas	Walter	Netherlands	Clinical Neurophysiology 1	Monday 30th June	13:30-14:30	p183
Zarubova	Jana	Czech Republic	Clinical Neurophysiology 2	Monday 30th June	13:30-14:30	p192
Stephani	Ulrich	Germany	Epilepsy in Childhood 1	Monday 30th June	13:30-14:30	p201
Hallböök	Tove	Sweden	Epilepsy in Childhood 2	Monday 30th June	13:30-14:30	p210
Gaily	Eija	Finland	Epilepsy in Childhood 3	Monday 30th June	13:30-14:30	p220
Hennekam	Raoul	Netherlands	Genetics 1	Monday 30th June	13:30-14:30	p230
Duncan	John	United Kingdom	Imaging 1	Monday 30th June	13:30-14:30	p241
Gauffin	Helena	Sweden	Imaging 2	Monday 30th June	13:30-14:30	p251
Baker	Gus	United Kingdom	Neuropsychology and Psychiatry in Epilepsy 1	Monday 30th June	13:30-14:30	p262
Olafur	Sveinsson	Sweden	Neuropsychology and Psychiatry in Epilepsy 2	Monday 30th June	13:30-14:30	p270
Guekht	Alla	Russian Federation	Others 1	Monday 30th June	13:30-14:30	p279
Wolf	Peter	Denmark	Others 2	Monday 30th June	13:30-14:30	p288
Forsgren	Lars	Sweden	Prognosis / Epidemiology 1	Monday 30th June	13:30-14:30	p296
Petr	Marusic	Czech Republic	Surgical Treatment and Neuromodulation 1	Monday 30th June	13:30-14:30	p308
Schulze-Bonhage	Andreas	Germany	Surgical Treatment and Neuromodulation 2	Monday 30th June	13:30-14:30	p318
Kokaia	Merab	Sweden	Late Abstracts 1	Monday 30th June	13:30-14:30	p772
Johannessen Landmark	Cecilie	Norway	Antiepileptic Drugs 4	Tuesday 1st July	13:30-14:30	p328
Mattsson	Peter	Sweden	Antiepileptic Drugs 5	Tuesday 1st July	13:30-14:30	p339
Sabers	Anne	Denmark	Antiepileptic Drugs 6	Tuesday 1st July	13:30-14:30	p350
Depaulis	Antoine	France	Basic Science 3	Tuesday 1st July	13:30-14:30	p360
Isbrandt	Dirk	Germany	Basic Science 4	Tuesday 1st July	13:30-14:30	p370
Lukic	Stevo	Serbia	Clinical Epilepsy 3	Tuesday 1st July	13:30-14:30	p380
Meletti	Stefano	Italy	Clinical Epilepsy 4	Tuesday 1st July	13:30-14:30	p392
Jacobs	Julia	Germany	Clinical Neurophysiology 3	Tuesday 1st July	13:30-14:30	p403
Zarubova	Jana	Czech Republic	Clinical Neurophysiology 4	Tuesday 1st July	13:30-14:30	p413
Fogarasi	Andras	Hungary	Epilepsy in Childhood 4	Tuesday 1st July	13:30-14:30	p422
Olsson	Ingrid	Sweden	Epilepsy in Childhood 5	Tuesday 1st July	13:30-14:30	p435
Stephani	Ulrich	Germany	Epilepsy in Childhood 6	Tuesday 1st July	13:30-14:30	p446
Wolfram	Kunz	Germany	Genetics 2	Tuesday 1st July	13:30-14:30	p456
Eriksson	Sofia	United Kingdom	Imaging 3	Tuesday 1st July	13:30-14:30	p466
Koepp	Matthias J.	United Kingdom	Imaging 4	Tuesday 1st July	13:30-14:30	p475

SURNAME	FIRST NAME	COUNTRY	POSTER TOUR	DATE	TIME	MEET AT POSTER
Smith	Mary Lou	Canada	Neuropsychology and Psychiatry in Epilepsy 3	Tuesday 1st July	13:30-14:30	p485
Neufeld	Miri	Israel	Others 3	Tuesday 1st July	13:30-14:30	p493
Cronberg	Tobias	Sweden	Others 4	Tuesday 1st July	13:30-14:30	p502
Lossius	Morten I.	Norway	Prognosis / Epidemiology 2	Tuesday 1st July	13:30-14:30	p510
Cock	Hannah	United Kingdom	Status Epilepticus 1	Tuesday 1st July	13:30-14:30	p520
Özkara	Çigdem	Turkey	Surgical Treatment and Neuromodulation 3	Tuesday 1st July	13:30-14:30	p527
Schulze-Bonhage	Andreas	Germany	Surgical Treatment and Neuromodulation 4	Tuesday 1st July	13:30-14:30	p537
Surges	Rainer	Germany	Late Abstracts 2	Tuesday 1st July	13:30-14:30	p785
Sills	Graeme	United Kingdom	Antiepileptic Drugs 7	Wednesday 2nd July	13:30-14:30	p547
Perucca	Piero	Australia	Antiepileptic Drugs 8	Wednesday 2nd July	13:30-14:30	p558
Steinhoff	Bernhard	Germany	Antiepileptic Drugs 9	Wednesday 2nd July	13:30-14:30	p569
Asztély	Fredrik	Sweden	Basic Science 5	Wednesday 2nd July	13:30-14:30	p579
Andersson	My	Sweden	Basic Science 6	Wednesday 2nd July	13:30-14:30	p589
Kovac	Stjepana	United Kingdom	Clinical Epilepsy 5	Wednesday 2nd July	13:30-14:30	p599
Nobili	Lino	Italy	Clinical Epilepsy 6	Wednesday 2nd July	13:30-14:30	p609
Kasteleijn-Nolst Trenité	Dorotheé	Italy	Clinical Neurophysiology 5	Wednesday 2nd July	13:30-14:30	p621
Moshé	Solomon L.	USA	Epilepsy in Childhood 7	Wednesday 2nd July	13:30-14:30	p631
Dahlin	Maria	Sweden	Epilepsy in Childhood 8	Wednesday 2nd July	13:30-14:30	p639
Vigevano	Federico	Italy	Epilepsy in Childhood 9	Wednesday 2nd July	13:30-14:30	p648
Nabbout	Rima	France	Epilepsy in Childhood 10	Wednesday 2nd July	13:30-14:30	p656
Brodtkorb	Eylert	Norway	Genetics 3	Wednesday 2nd July	13:30-14:30	p666
Marini	Carla	Italy	Genetics 4	Wednesday 2nd July	13:30-14:30	p677
Bien	Christian	Germany	Imaging 5	Wednesday 2nd July	13:30-14:30	p686
Baxendale	Sallie	United Kingdom	Neuropsychology and Psychiatry in Epilepsy 4	Wednesday 2nd July	13:30-14:30	p697
Helmstaedter	Christoph	Germany	Neuropsychology and Psychiatry in Epilepsy 5	Wednesday 2nd July	13:30-14:30	p706
Taubell	Erik	Norway	Others 5	Wednesday 2nd July	13:30-14:30	p715
Kerr	Mike	United Kingdom	Others 6	Wednesday 2nd July	13:30-14:30	p725
Beghi	Ettore	Italy	Prognosis / Epidemiology 3	Wednesday 2nd July	13:30-14:30	p735
Henshall	David	Ireland	Status Epilepticus 2	Wednesday 2nd July	13:30-14:30	p747
Petr	Marusic	Czech Republic	Surgical Treatment and Neuromodulation 5	Wednesday 2nd July	13:30-14:30	p755







## POSTERS

Full abstracts, including the authors' list and affiliations, can be found in the Epilepsia online supplement. Please note that abstracts number p001 to p108 and also p766 to p771 have been selected for platform presentation.

### MONDAY 30<sup>TH</sup> JUNE ANTIEPILEPTIC DRUGS 1


13:30 – 14:30

*Chair: Martin Brodie, United Kingdom*

- |      |   |  |
|------|---|--|
| p109 |   | <b>A retrospective evaluation of retigabine in patients with highly therapy-resistant epilepsy</b><br>Bernd Huber, Germany   |
| p110 |   | <b>Zonisamide in Thai children and adolescents with intractable seizures: evaluation of efficacy and safety</b><br>Lunliya Thampratankul, Thailand                 |
| p111 |   | <b>An audit of the treatment of drug-resistant patients with lacosamide in an epilepsy clinic</b><br>Lucy Murena, United Kingdom                                   |
| p112 |   | <b>Efficacy and safety of USL255, once-daily extended-release topiramate, in adults with partial onset seizures: the PREVAIL study</b><br>Ilan Blatt, Israel       |
| p113 |   | <b>Prevalence of metabolic syndrome in valproate-treated adult patients with epilepsy</b><br>Aleksei Rakitin, Estonia  |
| p115 |   | <b>Prescribing patterns of antiepileptic drugs and interaction risk in general practice</b><br>Domenico Italiano, Italy  |
| p116 |  | <b>LACO-EXP, a retrospective study of lacosamide: dosage-response analysis on patients on a lacosamide dose <math>\leq 400</math> mg</b><br>Mercedes Garcés, Spain |
| p117 |  | <b>Effects of oxcarbazepine and levetiracetam as a monotherapy on calcium and vitamin D metabolism</b><br>Duygu Aksoy, Cyprus                                      |
| p118 |   | <b>Levetiracetam as add-on drug in intractable epilepsy: a Tunisian multicenter study</b><br>Hela Mrabet, Tunisia  |
| p119 |  | <b>Adjunctive perampanel in highly drug-resistant localization-related epilepsy – a prospective audit</b><br>Kevin Kelly, United Kingdom                           |


13:30 – 14:30

**MONDAY 30<sup>TH</sup> JUNE  
ANTIEPILEPTIC DRUGS 2***Chair: Emilio Russo, Italy*

- p120**      **Influence of antiepileptic drugs in the lipid profile of vascular epilepsy**  
Noelia Rodríguez Villatoro, Spain
- p121**      **Mechanism of hypouricemia induced by carbamazepine in a girl with rolandic epilepsy**  
Takamasa Kishi, Japan
- p122**      **Levetiracetam in refractory childhood epilepsy: efficacy and tolerability**  
Kristina Zaveckien, Lithuania
- p123**      **Sensorineural hearing loss after administration of sodium valproate**  
Maria Akrioti, Greece
- p124**      **Tolerability and effectiveness of Perampanel in treatment of patients with pharmacoresistant epilepsy**  
Benedikt Greshake, Germany
- p125**      **Perampanel and Rufinamide show comparable initial effectiveness and tolerability in pediatric patients with refractory epilepsies – first European experiences after marketing**  
Anna Biro, Germany
- p126**       **Efficacy and tolerance of perampanel in pharmacoresistant epilepsy in children and young people**  
Sunny Philip, United Kingdom
- p127**      **Efficacy and tolerability of zonisamide as first add-on therapy to valproate in Indian adult population: a subanalysis**  
Amitabh Dash, India
- p128**      **Transient lesion in the splenium of the corpus callosum associated with carbamazepine: a case report**  
Sibila Nankovic, Croatia
- p129**      **Efficacy of concurrent application of carbamazepine and oxcarbazepine in the treatment of pharmacoresistant epilepsy patients – a retrospective study**  
Sanja Hajnsek, Croatia
- p130**      **Our experience of lacosamide for drug resistant epilepsy at the Burden Centre – a tertiary neuropsychiatric service**  
Monica Mohan, United Kingdom

13:30 – 14:30

**MONDAY 30<sup>TH</sup> JUNE  
ANTIEPILEPTIC DRUGS 3***Chair: Eva Kumlien, Sweden*

- p131**  **Effectiveness and tolerability of high dose Eslicarbazepine**  
Jose Camacho Velasquez, Spain
- p132**  **GALACO study: six months experience with lacosamide for focal epilepsies in Galicia, Spain**  
Xiana Rodríguez Osorio, Spain
- p133**  **Conscientious personality, beliefs about antiepileptic drugs and medication adherence in people with epilepsy**  
Seth Margolis, USA
- p134**  **Retention, dosing, tolerability and patient reported seizure outcome of Zonisamide as only add-on treatment under real-life conditions in adult patients with partial onset seizures: results of the non-interventional study ZOOM**  
Edgar Kockelmann, Germany
- p135**  **Limited benefit of Perampanel in institutionalized cognitively impaired patients with highly therapy-resistant epilepsy**  
Gaby Schmid, Germany
- p136**  **Effects of prenatal antiepileptic drug exposure on newborn brain activity**  
Mari Videman, Finland
- p137**  **Efficacy and tolerability of perampanel in patients with refractory partial epilepsy in a tertiary epilepsy centre**  
Katarzyna Sieradzian, United Kingdom
- p138**  **Perampanel in South Wales: a multi-centre clinical evaluation**  
Charlotte Lawthorn, United Kingdom
- p139**  **Perampanel – effective and safe via percutaneous gastric tube in HIV epileptic patient with concomitant highly active antiretroviral therapy**  
Georg Caravias, Austria
- p140**  **Eslicarbazepine acetate as add-on treatment to antiepileptic monotherapy in adults with partial-onset seizures: real-world data on retention, dosing, patient reported seizure outcome and safety from an interim analysis of the open-label non-interventional study EPOS**  
Martin Holtkamp, Germany
- p141**  **Perampanel and cortical excitability: a transcranial magnetic stimulation study**  
William Stern, United Kingdom

13:30 – 14:30

**MONDAY 30<sup>TH</sup> JUNE****BASIC SCIENCE 1***Chair: Christophe Bernard, France*

p142

**Epilepsy co-morbidity in adult patients**

Danjela Ndoja, Albania

p143

**Spreading depression enhances neurogenesis in hippocampus and dentate gyrus of WAG/Rij rats**

Mahmood Lotfinia, Iran, Islamic Republic of

p144

**Environmental enrichment restores CA1 hippocampal LTP and reduces severity of seizures in epileptic mice**

Cinzia Costa, Italy

p145

**Memory improvement after application of AMPA receptor antagonist during repetitive spreading depression in juvenile rats**

Ahmad Ali Lotfinia, Iran, Islamic Republic of

p146

**PTZ administration disclosed post traumatic enhanced seizure susceptibility following a new focal brain injury model**

Tahereh Ghadiri Garjan, Iran, Islamic Republic of

p147

**A chamber for the perfusion of in vitro tissue with multiple solutions**

Matthew Thomas, United Kingdom

p148

**The effects of entorhinal cortex lesion on epileptogenesis in a toxin-free animal model of temporal lobe epilepsy**

Braxton Norwood, Germany

p149

**Progressive brain damage, synaptic reorganization and NMDA activation in a model of epileptogenic cortical dysplasia**

Francesca Colciaghi, Italy

p150

**GYKI 52466 delayed AMPA-induced seizure susceptibility in neonatal rats**

Ashish Dhir, India

13:30 – 14:30

**MONDAY 30<sup>TH</sup> JUNE****BASIC SCIENCE 2***Chair: Günther Sperk, Austria*

p151

**Autoantibodies to the N-methyl-D-aspartate receptors and seizure susceptibility in mice**

Sukhvir Wright, United Kingdom

p152

**Effects of systemic kainic acid perfusion on limbic network synchronization in isolated brain preparation**

Francesco Noe, Italy

p153

**A modified animal model of symptomatic infantile spasms**

Jung Hye Byeon, Korea, Republic of



- p154**      **Characterization and modification of the focal kainate model in mice as a suitable model for studies on antiepileptogenesis**  
Friederike Twele, Germany
- p155**      **Utility of pentylenetetrazol and maximal electroshock seizure models in rodents for predicting anti-epileptic drug efficacy in humans**  
Eunice Yuen, United Kingdom
- p157**      **Seizure progression and SISCOM perfusion changes in the amygdala kindling model in the rhesus monkey**  
Evy Cleeren, Belgium
- p158**      **Reduction of the NMDA receptor NR2B subunit expression in cortical and subcortical areas of WAG/Rij rats**  
Mahmood Lotfinia, Iran, Islamic Republic of
- p159**      **Neuroprotective effects of ketogenic diet in kainic acid-induced seizure mouse model**  
Dong Wook Kim, Korea, Republic of
- p160**      **A novel kindling model of temporal lobe epilepsy in rhesus induced by Coriaria lactone**  
Zhen Hong, China
- 13:30 – 14:30**      **MONDAY 30<sup>TH</sup> JUNE  
CLINICAL EPILEPSY 1**  
*Chair: Norman Delanty, Ireland*
- p161**      **Epileptic seizures at patients with moderate and severe head injury**  
Igor Trifonov, Russian Federation
- p162**      **Post-stroke epilepsy and epilepsy associated with small vessel disease are distinct nosological entities. An epileptological perspective**  
Edoardo Ferlazzo, Italy
- p163**      **Epilepsy diagnostic tool by optical disc recording of the textbook about neurological examination, definitions and classifications of seizures and epileptic syndromes, their localizations, causes, chromosomal abnormalities, and listing differential diagnoses are presented as database of working knowledge**  
Vladimir Andreev, Russian Federation
- p164**      **The lateralizing value of asymmetric seizure termination in secondary generalized tonic-clonic seizures of temporal lobe epilepsy**  
Abuhuziefa Abubakr, USA
- p165**      **Semiological etiological electroencephalographic findings in FLE**  
Danjela Ndoja, Albania
- p166**      **Visual epileptic phenomena: semiology and clinical implications**  
Gloria Gonzalez-Cuevas, Spain

- p167**                      **Localizing value of ictal extrapyramidal motor symptoms**  
Gudrun Kalss, Austria
- p168**                      **Nonconvulsive status epilepticus associated with cefepime in a patient with renal failure**  
Sang Kim, Korea, Republic of
- p169**                      **Abdominal pain: don't ask the stomach, ask the brain**  
Xiana Rodríguez Osorio, Spain
- p170**                      **Japanese encephalitis presenting as nonconvulsive status epilepticus with excellent recovery**  
Sang Kim, Korea, Republic of
- p171**                      **Nocturnal frontal lobe epilepsy with hypermotor seizures associated with auditory symptoms: anatomoelectro-clinical description of 11 patients**  
Lorenzo Ferri, Italy

**MONDAY 30<sup>TH</sup> JUNE**  
**CLINICAL EPILEPSY 2**

**13:30 – 14:30**

*Chair: Kjell Heuser, Norway*

- p172**                       **High-grade gliomas: are epileptic seizures more sensitive than neuroimaging in predicting disease recurrence?**  
Jinane Fattouch, Italy
- p173**                      **Clinical and histopathological characteristics of temporal lobe epilepsy patients manifesting with hypermotor seizures**  
Martin Elisak, Czech Republic
- p174**                      **Case presentation of 26-year old woman with focal epilepsy due to focal cortical dysplasia in the right temporal lobe**  
Maria Bograkou, Sweden
- p175**                      **Seizures mimicking strokes**  
Alejandra Gómez, Spain
- p176**                      **Analysis of seizure semiology identifies patients with bilateral temporal lobe epilepsy**  
Anna Mira Loesch, Germany
- p177**                      **Automatisms in posterior cortex epilepsies: a stereo-electroencephalography study**  
Laura Craciun, Romania
- p178**                       **Interictal epileptiform discharges in new-onset epilepsy in the elderly**  
Tomoko Toyota, Japan
- p179**                      **A survey of people with epilepsy living in elderly welfare service facilities in Tottori Prefecture**  
Shin-Ichi Yoshioka, Japan

- p180 **Trends in the utilization of antiepileptic drugs in the elderly in Norway**  
Svein I. Johannessen, Norway
- p181 **Is all what I forget on a degenerative basis? Transient amnesic epilepsy in a cohort of mild cognitive impairment patients: a high density EEG study**  
Alessandra Del Felice, Italy
- p182 **A case of anti-glutamic acid decarboxylase antibody associated limbic encephalitis with temporal lobe epilepsy**  
Pinar Gelener, Cyprus

**MONDAY 30<sup>TH</sup> JUNE****13:30 – 14:30****CLINICAL NEUROPHYSIOLOGY 1***Chair: Walter Van Emde Boas, Netherlands*

- p183 **Diagnostic test accuracy of EEG in the identification of epilepsy after a first unprovoked seizure: a systematic review and meta-analysis**  
Hanni Bouma, Canada
- p184 **Capability of magnetoencephalography and simultaneous EEG to detect interictal epileptic discharges in the Danish presurgical epilepsy evaluation**  
Lene Duez, Denmark
- p185 **Finding a proper wavelet model for early detections on epileptic seizures**  
Siswandari Noertjahjani, Indonesia
- p187 **EEG analysis in preterm infants with ischemic brain damage**  
Tatiana Melashenko, Russian Federation
- p188 **Multimodal neurophysiology in presurgical evaluation of epilepsy at the University Hospital in Lund, Sweden**  
Anett Melin, Sweden
- p189 **Frontal rhythmic beta activity in children with ASD or ADHD**  
Eiji Nakagawa, Japan
- p191 **An approach to staging sleep in polysomnographic studies in children with focal epilepsy**  
Samantha Chan, United Kingdom

**MONDAY 30<sup>TH</sup> JUNE****13:30 – 14:30****CLINICAL NEUROPHYSIOLOGY 2***Chair: Jana Zarubova, Czech Republic*

- p192 **Heart rate variability changes in patients with untreated temporal lobe epilepsy: a new suggestive implication**  
Andrea Romigi, Italy
- p193 **Is home video-telemetry (HVT) superior to inpatient video-telemetry (VT)?**  
Ioannis Manidakis, United Kingdom

- p194**                      **Prolonged peri-ictal clinical-EEG alterations in patients with PCDH19 mutation**  
Daniella Terney, Denmark
- p195**                      **Catamenial epilepsy is a predictor of disease resistance**  
Galina Odintsova, Russian Federation
- p196**                      **Idiopathic generalized epilepsies and seizure control**  
Gordana Kiteva-Trenchevska, Macedonia, the Former Yugoslav Republic of
- p197**                      **Role of amplitude-integrated EEG monitoring during therapeutic hypothermia after cardiac arrest**  
Yoonju Lee, Korea, Republic of
- p198**                      **Persistent local brain activity during postictal generalized EEG suppression**  
Dirk-Matthias Altenmüller, Germany
- p199**                      **Diagnostic value of sleep-deprived EEG over routine EEG in juvenile myoclonic epilepsy (JME) and temporal lobe epilepsy (TLE)**  
Mustafa Khan, Pakistan
- p200**                      **Interictal electroencephalography in patients with epilepsy in northwestern Nigeria**  
Lukman Owolabi, Nigeria

**MONDAY 30<sup>TH</sup> JUNE****13:30 – 14:30****EPILEPSY IN CHILDHOOD 1***Chair: Ulrich Stephani, Germany*

- p201**                      **Arterial spin labeling MRI: a step forward in non-invasive delineation of focal cortical dysplasia in children**  
Thomas Blauwblomme, France
- p202**                      **Gene expression profiling of focal cortical dysplasia shows reduced expression of myelin-associated genes in dysplastic temporal lobe**  
Catharina Donkels, Germany
- p203**                      **Brain malformations as a factor of epilepsy development for the children at an early age**  
Tetiana Stetsenko, Ukraine
- p204**                      **Characterization of dyslamination and of alterations in layer-specific neuron-composition in focal cortical dysplasia**  
Julia Nakagawa, Germany
- p206**                      **Characteristics of epilepsy children who overlap with attention-deficit hyperactivity disorder (ADHD)**  
In Goo Lee, Korea, Republic of
- p207**                      **A 256-dense array EEG spectral analysis in mesial sclerosis and neocortical temporal epilepsy patients: a comparison among different spike distributions**  
Alessandra Del Felice, Italy



- p208**      **The case of multiple congenital malformations of the brain (hemimegalencephaly, lissencephaly, left-sided cerebellar dysplasia, agenesis of the corpus callosum) and Pierre Robin syndrome in combination with epileptic syndrome with polymorphic attacks**  
Alexandr Shevchenko, Ukraine

**13:30 – 14:30**      **MONDAY 30<sup>TH</sup> JUNE**  
**EPILEPSY IN CHILDHOOD 2**  
*Chair: Tove Hallböök, Sweden*

- p210**      **Overtreatment of crying spells with antiepileptic drugs as a form of Munchausen by proxy: the Albanian experience**  
Artan Haruni, Albania
- p211**      **One-year seizure outcome following ketogenic diet for pediatric refractory epilepsy: a single center experience from Singapore**  
En Ping, Jeannie Chiam, Singapore
- p212**      **Health-related quality of life (HRQOL) in school-aged children with 'active' epilepsy: a population-based sample**  
Colin Reilly, United Kingdom
- p213**      **Research of concentration of zinc in children with epilepsy**  
Oksana Guzeva, Russian Federation
- p214**      **Results of the research of triiodothyronine hormone concentration in blood of girls with different forms of epilepsy**  
Viktoria Guzeva, Russian Federation
- p216**      **Can epilepsy syndrome and etiology predict response to ketogenic diet in children?**  
Katherine Nickels, USA
- p217**      **Suicidal attempts in children and adolescents with epilepsy**  
Maria Magdalena Dumitru, Romania
- p218**      **Parathormone and vitamin D levels in population under 18 years old treated during 3 years with valproic acid**  
Anna Gniatkowska-Nowakowska, Poland
- p219**      **Childrens' epilepsy and sleep disorder breathing**  
Norbert Khayat, France

13:30 – 14:30

**MONDAY 30<sup>TH</sup> JUNE****EPILEPSY IN CHILDHOOD 3***Chair: Eija Gaily, Finland*

p220

**A child with Klinefelter's syndrome presenting with mental retardation and epileptic seizures**

Tae-Sung Ko, Korea, Republic of

p221

**Topiramate in epileptic syndromes of childhood with continuous spike-and-wave during sleep: retrospective study of 23 cases**

Pascal Vrielynck, Belgium

p222

**Reflection from a small center on the topic of care in pre-surgical investigation of children with refractory epilepsy**

Eva Dehlin, Sweden

p223

**Neurofibromatosis type 1 and epilepsy in children and adolescents-one center clinical experience**

Bora Cekic, Serbia

p224

**The practices in emergency and rescue medication for epilepsy managed with community administered therapy (PERFECT) initiative: insights from healthcare professionals, children and their carers**

Federico Vigevano, Italy

p225

**Febrile seizures and other epileptic disorders frequency in children with infectious diseases**

Vladislav Voitenkov, Russian Federation

p226

**Bones and Brains: a prospective case-control study of seasonal vitamin D in childhood epilepsy**

Celia Brand, United Kingdom

p227

**Epilepsia partialis continua in tick-borne Russian spring-summer encephalitis**

Konstantin Mukhin, Russian Federation

p229

**Does coexistence of clinical risk factors and molecular markers increase a risk of drug-resistance in epilepsy?**

Ewa Emich-Widera, Poland

13:30 – 14:30

**MONDAY 30<sup>TH</sup> JUNE****GENETICS 1***Chair: Raoul Hennekam, Netherlands*

p230

**Association of ABCB and SCN1A gene polymorphisms to lamotrigine and carbamazepine in Ukrainian patients with epilepsy**

Mikael Oros, Ukraine

p231

**Association of a GABRG2 polymorphism with epilepsy: in silico replication study**



Larry Baum, Hong Kong, China

- p232**      **Two sisters with strikingly similar photosensitivity, but discordant for SCN1A-positive Dravet syndrome**  
Dorothee Kasteleijn-Nolst Trenité, Italy
- p233**      **Molecular characterization of a familial chromosome 9q22.2-22.32 deletion in a patient with corpus callosum agenesis and intractable epilepsy**  
Semra Hiz, Turkey
- p234**      **Next generation sequencing strategies for Mendelian epilepsy disorders: a hypothesis-based guideline for patient selection**  
Katia Hardies, Belgium
- p235**      **De novo loss-of-function mutations in CHD2 cause a fever-sensitive myoclonic epileptic encephalopathy sharing features with Dravet syndrome**  
Arvid Suls, Belgium
- p236**      **Adenosinergic system in mesial temporal lobe epilepsy**  
Bárbara Leal, Portugal
- p237**      **T1174S SCN1A mutation is associated with seizure and migraine – may it also change the epileptic encephalopathies' course?**  
Dorota Hoffman-Zacharska, Poland
- p238**      **Frequency of distribution of 3435 T/C polymorphism of MDR1 gene among patients with drug-resistant epilepsy and healthy donors**  
Nodira Tuychibaeva, Uzbekistan
- p239**      **Trio exome sequencing in 31 patients with SCN1A negative Dravet syndrome leads to the detection of another recessive SCN1B mutation and the discovery of at least two novel epilepsy genes**  
Sarah Weckhuysen, Belgium
- p240**      **The MTHFR 677C>T polymorphism and poststroke seizures in Polish pediatric patients**  
Beata Sarecka-Hujar, Poland

**MONDAY 30<sup>TH</sup> JUNE**  
**IMAGING 1**

**13:30 – 14:30**


*Chair: John Duncan, United Kingdom*

- p241**       **White matter choking sign and its variants: an imaging sign for detection and characterization of focal cortical dysplasia**  
Sita Jayalakshmi Sattaluri, India
- p242**       **Hyperconnectivity in juvenile myoclonic epilepsy – a network analysis**  
Robert Powell, United Kingdom
- p243**      **Volume increase of the amygdala in antibody-associated limbic encephalitis revealed by voxel-based morphometry**  
Jan Wagner, Germany

- p244**      **Variations of clinical course of refractory epilepsy conditioned by brain tracts characteristics**  
Ruslan Sakovich, Belarus
- p245**      **Vulnerability of the ventral language network in children with focal epilepsy**  
Louise Croft, United Kingdom
- p246**      **Levetiracetam reduces abnormal network activations in temporal lobe epilepsy**  
Britta Wandschneider, United Kingdom
- p247**      **Children of women with epilepsy have reduced grey matter and total brain volume by voxel based morphometry**  
Sanjeev Thomas, India
- p248**      **Epilepsy related brain networks in ring chromosome 20 syndrome. An EEG-fMRI study**  
Andrea Ruggieri, Italy
- p249**      **Postoperative seizure outcome assessed by non-invasive methods in 190 patients**  
Agustina Lascano, Switzerland
- p250**      **Visualizing Meyer's loop before temporal lobe resection using deterministic and probabilistic tractography**  
Ylva Lilja, Sweden

13:30 – 14:30

**MONDAY 30<sup>TH</sup> JUNE**  
**IMAGING 2**
Chair: *Helena Gauffin, Sweden*

- p251**       **Tumour localisation and secondary generalisation: MRI lesion mapping in oligodendroglioma patients**  
Udo Wieschmann, United Kingdom
- p252**      **Time-Series analysis of EEG-MREG facilitates interpretation of BOLD responses in epilepsy**  
Antonia Menzel, Germany
- p253**      **Diffusion tensor imaging abnormalities of the corpus callosum in malformations of cortical development**  
Celi Andrade, Brazil
- p255**      **Anatomical networks among epileptic and non-epileptic déjà-vu: a VBM study**  
Angelo Labate, Italy
- p256**      **Spatial resolution evaluation of double-density functional near-infrared spectroscopy for the diagnosis of functional cortex**  
Hidenori Yokota, Japan

- p257**      **Multimodal functional imaging in epilepsy surgery: a post hoc analysis**  
Pernilla Linden-Mickelsson, Sweden
- p258**      **Diagnosis of focus side in intractable mesial temporal epilepsy by fNIRS during spontaneous seizure**  
Keiji Oguro, Japan
- p259**      **Language localization in patients with temporal lobe epilepsy (TLE) using functional magnetic resonance imaging (fMRI)**  
Gloria G Gonzalez, United Kingdom
- p260**      **Emotion processing in patients with mesial temporal lobe epilepsy and amygdala lesions**  
Giorgi Kuchukhidze, Austria

### MONDAY 30<sup>TH</sup> JUNE

13:30 – 14:30

### NEUROPSYCHOLOGY AND PSYCHIATRY IN EPILEPSY 1

*Chair: Gus Baker, United Kingdom*

- p262**      **Distinguishing episodic memory processes familiarity and recollection by using extraoperative temporoparietal stimulation**  
Marc Hendriks, Netherlands
- p263**      **Interictal epileptiform discharges (IED) and memory function in temporal lobe epilepsy**  
Alexander Kostylev, Russian Federation
- p264**      **Semantic memory impairment in temporal lobe epilepsy of anterior-neocortical or hippocampal origin**  
Pablo Campo, Spain
- p265**      **Implicit sequential learning in TLE patients**  
Anke Hermesen, Germany
- p266**      **The prognostic significance of cognitive deficits after a first unprovoked seizure preliminary results of a three years follow-up**  
Johannes Rösche, Germany
- p267**      **Sense of coherence and memory skills in a group patients with and without epilepsy**  
Vladimir Donath, Slovakia
- p268**      **Memory and fMRI activation in temporal lobe epilepsy: towards predicting surgery outcome**  
Marc Hendriks, Netherlands
- p269**      **Variables associated with reading disorder in Rolandic epilepsy**  
Greta Demichelis, United Kingdom

13:30 – 14:30

**MONDAY 30<sup>TH</sup> JUNE****NEUROPSYCHOLOGY AND PSYCHIATRY IN EPILEPSY 2***Chair: Olafur Sveinsson, Sweden*

- p270**      **Severity of cognitive impairments in benign epilepsy with centro-temporal spikes**  
Simona Di Folco, Italy
- p271**      **Story retelling in 14 and 15-year old youngsters with epilepsy compared to control children matched for initial learning score: accelerated long term forgetting**  
Loretta van Iterson, Netherlands
- p272**      **Validation of the Dutch version of the Wechsler Memory Scale – fourth edition in patients with temporal lobe epilepsy**  
Zita Bouman, Netherlands
- p273**      **Evaluation of short and long term memory in refractory epilepsy patients with mesial temporal lobe sclerosis**  
María Teresa Gómez Caravaca, Spain
- p274**      **A meta-analysis of literacy and language in children with rolandic epilepsy**  
Anna Smith, United Kingdom
- p275**      **Auditory processing impairments in children with rolandic epilepsy compared with their epilepsy-unaffected siblings**  
Muna Said, United Kingdom
- p276**      **The effects of memory, extra-memorial functions and neuro-imaging, on the prognosis of temporal lobe epilepsy patients**  
Brahim Bora, Turkey
- p277**      **Trend of selective reminding performances before and after temporal lobe epilepsy surgery**  
Annalisa Parente, Italy
- p278**      **Inter-ictal morbidities in adult epileptic patients attending the Lagos University Teaching Hospital Neurology Clinic**  
Adedunni Olusanya, Nigeria

13:30 – 14:30

**MONDAY 30<sup>TH</sup> JUNE****OTHERS 1***Chair: Alla Guekht, Russian Federation*

- p279**      **Profiling of methylome and transcriptome in experimental TBI in rats**  
Noora Huusko, Finland
- p280**      **Stigma, treatment and other perceptions towards epilepsy in northwest India: a medical-anthropological study**  
Surender Pal, India

- p281**      **Improvement of seizures score by reparative pretreatment by transcranial magnetic stimulation on rat model**  
Babak Khodaie, Iran, Islamic Republic of
- p282**      **Lacosamide monotherapy in adult partial onset seizures**  
Deidania Medici, Italy
- p283**      **Carbamazepine inhibitory effects in epilepsy associated disorder in rat**  
Babak Khodaie, Iran, Islamic Republic of
- p284**      **Cellular protection of transcranial magnetic stimulation in seizures induced rat**  
Babak Khodaie, Islamic Republic of Iran
- p285**      **Modified Atkins diet may reduce serum concentrations of antiepileptic drugs in adults with refractory epilepsy – report of four cases**  
Magnhild Kverneland, Norway
- p286**       **Effectiveness of a 12 h extended release formula of ethyl-apovincaminic acid in the control of seizures in patients with refractory epilepsy**  
María Sitges, Mexico
- p287**      **Low Glycemic Index treatment (LGIT) – has it got a place within future diet treatments?**  
Vibeke Stubbings, Denmark
- 13:30 – 14:30**      **MONDAY 30<sup>TH</sup> JUNE**  
**OTHERS 2**  
*Chair: Peter Wolf, Denmark*
- p288**      **Double-blind placebo-controlled trial of the anticonvulsant effects of n-3 PUFAs in patients with epilepsy**  
Paul Hwang, Canada
- p289**      **Determination of the concentration of the inhibitory neurotransmitter – gamma-aminobutyric acid (GABA) in children with congenital anomalies of the central nervous system**  
Alexandr Shevchenko, Ukraine
- p290**      **Evolution of benign focal epileptiform discharges in the electroencephalography of the premature newborn with white matter lesions**  
Branka Bunoza, Croatia
- p291**      **The effect of monosodium glutamate consumption on obesity, nasal-anal length and epileptogenesis in rats**  
Elif Akşahin, Turkey
- p292**      **Features of surgical treatment for drug-resistant posttraumatic epilepsies: mechanisms of epileptogenesis and neurophysiologic biomarkers**  
Svetlana Kravtsova, Russian Federation

p293



**Astrocytes pre-activated by ciliary neurotrophic factor show neuroprotective properties in a mouse model of mesial temporal lobe epilepsy**

Matthias Neef, Germany

p294



**Sleep disorders other than parasomnias, as mimics of epilepsy**

A l de Weerd, Netherlands

p295

**Posttraumatic stress disorder in patients with psychogenic non-epileptic seizures and its clinical significance**

Karin Noergaard, Denmark

13:30 – 14:30

**MONDAY 30<sup>TH</sup> JUNE  
PROGNOSIS / EPIDEMIOLOGY 1**

*Chair: Lars Forsgren, Sweden*

p296

**Epilepsy in systemic lupus erythematosus (SLE)**

Magnus Andersson, Sweden

p297

**Prevalence and incidence of epilepsy associated with convulsive seizures in rural Bolivia. A Global Campaign Against Epilepsy Project**

Elisa Bruno, Italy

p299

**Epilepsy beyond seizures. A nationwide registry study of comorbidity in childhood epilepsy**

Kari Aaberg, Norway

p300

**Sleep disorders and epilepsy: the role of seizures and antiepileptic drugs**

Hacer Bozdemir, Turkey

p302

**Suicide in epilepsy: a population-based study**

Olafur Sveinsson, Sweden

p303

**The relationship between epilepsy and type 1 diabetes mellitus in adults**

James Varley, United Kingdom

p304

**Prevalence, treatment and impact of seizure clusters on quality of life**

Tenzin Choezom, USA

p305

**Clinical profile, etiology and treatment of epilepsy patients in a tertiary hospital in rural Nigeria**

Idowu Bankole, Nigeria

p306

**The burden of convulsive epilepsy in rural South Africa: using population-based data to calculate DALYs**

Ryan Wagner, Sweden



- p307 **The prevalence and subjective handicap of epilepsy in Ilie: a rural riverine community in Southwest Nigeria**  
Adekunle Mustapha, Nigeria

**13:30 – 14:30** **MONDAY 30<sup>TH</sup> JUNE**  
**SURGICAL TREATMENT AND NEUROMODULATION 1**

*Chair: Petr Marusic, Czech Republic*

- p308 **The effect of spinal cord stimulation on chemically-induced spike-and-wave seizures in rats**  
Jianhang Jiao, Denmark
- p309 **Unilateral versus bilateral hippocampal DBS in a rat model for temporal lobe epilepsy**  
Bregt Van Nieuwenhuyse, Belgium
- p310 **Vagus nerve stimulation in patients with developmental disabilities**  
Noemi Andersen Becser, Denmark
- p311  **Long lasting memories scrutinized from electrical brain stimulation: a review and analysis of 80 years of literature in epileptic patients**  
Jonathan Curot, France
- p312 **Patients/caregivers satisfaction following vagal nerve stimulation (VNS) for drug-resistant epilepsies**  
Stefano Mannino, Italy
- p313 **The effect of tuberomammillary nucleus high-frequency electrical stimulation on epileptic activity and sleep-wake cycle of WAG/Rij rats**  
Vitaliya Blik, Russian Federation
- p314 **Deep brain stimulation as a treatment of focal onset intractable epilepsy: a case series**  
Praveen Gupta, India
- p315 **Clinical experiences with tachycardia-triggered vagus nerve stimulation (VNS)**  
Martin Hirsch, Germany
- p316 **Effectiveness of vagus nerve stimulation (VNS) in severe nonsurgical candidates and failed intracranial epilepsy surgery patients**  
Chusak Limotai, Canada
- p317 **Lead malfunction in vagus nerve stimulation: clinical effect, diagnosis and outcome after lead revision**  
Tatiana Evsiukova, Norway

13:30 – 14:30

**MONDAY 30<sup>TH</sup> JUNE****SURGICAL TREATMENT AND NEUROMODULATION 2***Chair: Andreas Schulze-Bonhage, Germany*

- p318**      **The importance of stimulation cycle in vagus nerve stimulation for drug-resistant epilepsies**  
Gabriella Colicchio, Italy
- p319**      **Efficacy and safety of trigeminal nerve stimulation: an experience in 8 patients with drug-resistant epilepsy**  
Alba Sierra-Marcos, Spain
- p320**      **External trigeminal nerve stimulation (eTNS) for epilepsy: early clinical experience**  
Sean Slaght, United Kingdom
- p321**      **Yield and predictors of epilepsy surgery candidacy in children admitted for surgical workup**  
Elaine Wirrell, USA
- p322**      **Bilateral intrahypothalamic hamartoma – indication for resective surgery?**  
Anke Staack, Germany
- p323**      **Valproate associated coagulopathy and platelet dysfunction: clinical relevance for epilepsy surgeon**  
Nilesh Kurwale, India
- p324**      **Cluster organization of the irritative zone in neocortical epilepsy: implications for pathophysiology, surgery planning and outcome**  
Radek Janca, Czech Republic
- p325**      **Neuropsychiatric comorbidities in patients with VNS for intractable epilepsy in a Tertiary Neuropsychiatry Service**  
Monica Mohan, United Kingdom
- p326**      **Health-related quality of life, mood and patient satisfaction after epilepsy surgery in Sweden – a prospective controlled observational study**  
Kristina Malmgren, Sweden
- p327**      **Epilepsy surgery in the posterior part of the brain in 96 children and adolescents with severe drug resistant epilepsies**  
Hans Holthausen, Germany

13:30 – 14:30


**MONDAY 30<sup>TH</sup> JUNE  
LATE ABSTRACTS 1***Chair: Merab Kokaia, Sweden*

- p772**      **Safety and tolerance of generic levetiracetam formulation (Vetira) in therapy of Polish patients diagnosed with epilepsy: results of a post-authorisation safety study, non-randomized, non-interventional, multicenter survey in outpatient practice**  
Piotr Czapinski, Poland
- p773**      **Optogenetic activation of interneurons in epileptic tissue**  
Jenny Wickham, Sweden
- p774**      **Chronic prolongation of QT and RR intervals in an animal epilepsy model**  
Katerina Giaka, Greece
- p775**      **The first seizure: diagnostic precision depends on follow-up**  
Loraine Fisch, Switzerland
- p776**      **Source localization techniques result in more accurate determination of target tuber conglomerates for MRI-guided laser ablation for treatment of intractable epilepsy in pediatric tuberous sclerosis complex**  
Yaman Eksioglu, USA
- p777**      **Diffusion tensor imaging (DTI) reveals dorsal brainstem involvement in children who presented infantile spasms associated with tuberous sclerosis complex (TSC)**  
Romina Moavero, Italy
- p778**      **Melatonin secretion in Angelman syndrome**  
Justyna Paprocka, Poland
- p779**      **Melatonin in tuberous sclerosis complex**  
Justyna Paprocka, Poland
- p780**      **Dependence on debut convulsions in various forms of cerebral palsy**  
Saodatkhon Khamidova, Uzbekistan
- p781**      **West syndrom and etiologic factors**  
Aferdita Kumaraku, Albania
- p782**      **Acute and mid-term outcomes of adjuvant high dose nocturnal diazepam treatment on electrical status epilepticus of sleep**  
Yaman Eksioglu, USA
- p783**      **The heart in the head: EEG-fMRI pulse artifact detection and correction using high density EEG topography**  
Giannina Iannotti, Switzerland
- p784**      **The wild type of PCKS1 allele is associated with increased risk of weight gain among women during the treatment of epilepsy by valproate**  
S Burd, Russian Federation

**TUESDAY 1<sup>ST</sup> JULY****ANTIEPILEPTIC DRUGS 4***Chair: Cecilie Johannessen Landmark, Norway***13:30 – 14:30**

- p328**      **Cognitive impairment in epilepsy: the effect of drug therapy**  
Sevki Sahin, Turkey
- p329**      **Adjunctive lacosamide – 5 years' clinical experience**  
Linda Stephen, United Kingdom
- p330**      **Safety and efficacy of zonisamide as first add-on therapy to carbamazepine in Indian adult patients diagnosed with epilepsy: a subanalysis**  
Amitabh Dash, India
- p331**      **Safety and efficacy of zonisamide as add-on to existing anti-epileptic therapy: an evaluation in Indian adult population**  
Amitabh Dash, India
- p332**      **Experience with lacosamide in treating focal epilepsy patients in Romania: efficacy, safety and time to reach response**  
Ioana Mindruta, Romania
- p333**      **Cosmetic adverse effects of antiepileptic drugs in adults with epilepsy**  
Kamil Detyniecki, USA
- p334**      **A service evaluation of Perampanel in Cornwall, UK**  
Mary Parrett, United Kingdom
- p335**      **A service evaluation of Perampanel (Fycompa) at Leeds General Infirmary**  
Peter Goulding, United Kingdom
- p336**       **Use of adjunctive rufinamide for patients with Lennox-Gastaut syndrome in clinical practice**  
Stéphane Auvin, France
- p337**      **Must different mechanisms of action be considered in the antiepileptic polytherapy?**  
Diego Rovira Sirvent, Spain
- p338**      **Multiple anti-epileptic drug use in children with epilepsy; the prevalence and associated factors**  
Rita Atugonza, Uganda

**TUESDAY 1<sup>ST</sup> JULY****ANTIEPILEPTIC DRUGS 5***Chair: Peter Mattsson, Sweden***13:30 – 14:30**

- p339**      **The effectiveness of using "generics" in the treatment of epilepsy**  
Oleg Belyaev, Russian Federation
- p340**       **Safety and efficacy of eslicarbazepine acetate treatment in elderly patients**  
Raquel Costa, Portugal

- p341  **Safety of eslicarbazepine acetate after 4 years of post-marketing experience in Europe**  
Helena Gama, Portugal
- p342 **Preferred flavour of eslicarbazepine acetate oral suspension to paediatric epileptic subjects**  
Ricardo Lima, Portugal
- p343  **Seizure response to perampanel in a severe refractory group of epilepsy patients**  
Cora Flynn, Ireland
- p344 **Long-term non-interventional study of lacosamide safety as add-on therapy in patients with epilepsy and uncontrolled partial-onset seizures**  
Bernhard Steinhoff, Germany
- p345  **Lacosamide added to a monotherapy in epilepsy patients with partial-onset seizures: final analysis of the VITOBA study**  
Matthias Noack-Rink, Germany
- p346  **Differences in usage of clobazam versus clonazepam for epilepsy**  
Jouko Isojarvi, USA
- p347 **A case of mycosis fungoides like lesions developing after levetiracetam therapy**  
Ibrahim, Turkey
- p348 **Perampanel as add-on treatment in patients with drug-resistant focal epilepsy: the clinical experience of the Danish Epilepsy Center**  
Stefan Juhl, Denmark
- p349 **Efficacy and tolerability of lamotrigin in newly diagnosed epilepsy**  
Sinisa Ristic, Serbia
- 13:30 – 14:30** **TUESDAY 1<sup>ST</sup> JULY**  
**ANTIEPILEPTIC DRUGS 6**  
*Chair: Anne Sabers, Denmark*
- p350 **Assessing long-term effects of eslicarbazepine on liver values and lipid metabolism profile**  
Miguel Ley Nacher, Spain
- p351  **Long-term experience with lacosamide in pediatric epilepsy patients – a retrospective European multicentre report**  
Martha Feucht, Austria
- p352 **European non-interventional registry study of antiepileptic drug use in patients with Lennox–Gastaut syndrome: interim analysis**  
Axel Panzer, Germany
- p353 **Evaluation of antiepileptic drug use in the pregnant patients with epilepsy in a university hospital in Istanbul**  
Medine Idriz Oglu Gulcebi, Turkey

p354



**Lacosamide monotherapy in patients with epilepsy previously treated with a combination therapy: interim results of an observational study**  
Eduardo Cumbo, Italy

p355

**Persistent hiccups worsened by topiramate**  
Paolo Benna, Italy

p356

**Lacosamide as treatment of focal symptomatic epilepsy in a patient with liver alcoholic cirrhosis**  
Andrea Romigi, Italy

p357

**Concomitant use of eslicarbazepine acetate (Zebinix) with carbamazepine in everyday clinical practice using a retrospective multicentre audit**  
Manny Bagary, United Kingdom

p358

**The efficacy and tolerability of perampanel (Fycompa) in everyday clinical practice using a retrospective multicentre audit**  
Manny Bagary, United Kingdom

p359



**Experience with buccal midazolam for seizure clusters in adults**  
Vanesa Fraga, Spain

13:30 – 14:30

## **TUESDAY 1<sup>ST</sup> JULY BASIC SCIENCE 3**

*Chair: Antoine Depaulis, France*

p360

**mTOR signaling pathway and cell proliferation are altered during the development of absence epilepsy in a genetic animal model**  
Emilio Russo, Italy

p361

**The mechanism of action of antiepileptics on gamma oscillations – derivation of an analytical equation from dynamic clamp experiments**  
Hugo Zeberg, Sweden

p362

**The impact of the antiepileptic drugs lamotrigine, topiramate and lacosamide on glial properties in an in vitro co-culture model of inflammation**  
Hannes Dambach, Germany

p363

**The antiepileptic and neuroprotective effects of periodic fasting on pentylenetetrazol-induced seizures in rats**  
Fariba Karimzadeh, Iran, Islamic Republic of

p364

**A comparative study of perforant pathway stimulation in C57BL/6 mice and Sprague-Dawley rats**  
Friederike Kienzler-Norwood, Germany

p365

**The effect of carbamazepine on neuronal damage in pentylenetetrazol model of epilepsy**  
Maryam Jafarian, Iran, Islamic Republic of

p366

**Hesperidin potentiates the neuroprotective effects of diazepam and gabapentin against pentylenetetrazole (PTZ) induced convulsions in mice: possible behavioral, biochemical and mitochondrial alterations**  
Jitendriya Mishra, India

**p367**      **Long-term profile and seizure clustering in the tetanus toxin model of temporal lobe epilepsy**  
Premysl Jiruska, Czech Republic

**p368**      **Regulation of brain P450 cytochrome expression in a mouse model of seizures**  
Badreddine Boussadia, France

**p369**      **Loss of M-Currents during status epilepticus**  
Jaideep Kapur, USA

**13:30 – 14:30**      **TUESDAY 1<sup>ST</sup> JULY**  
**BASIC SCIENCE 4**

*Chair: Dirk Isbrandt, Germany*

**p370**      **The effect of status epilepticus on hippocampal epileptic after discharges in immature rats**  
Petr Fabera, Czech Republic

**p371**      **Seizure determinants in the isolated guinea pig brain preparation (FORUM SESSION "Integrated models for the study of seizure mechanisms")**  
Laura Librizzi, Italy

**p372**      **Motor compensation of hemispheric lesions**  
Theodor Rüber, Germany

**p373**      **Autoimmune epilepsy: the role of antibodies**  
Nasim Tabrizi, Iran, Islamic Republic of

**p374**      **Antiepileptic drug binding to potassium channels: role of aromatic residues**  
Johanna Nilsson, Sweden

**p375**      **View at the Eisenman's rows as mechanism, explaining a possibility of one-valence salts of some inhibitor amino acids: glycine, -alanine and GABA to pass through HEB**  
George Shilau, Belarus

**p376**      **Disturbances of parasympathetic system in seizures with oxygen desaturation**  
William Szurhaj, France


**p377**      **Motor maps area enlarge in conditions of the chronic epilepsies models**  
Rooslan Vastyanov, Ukraine

**p378**      **Effects of IL-1 signaling on synaptic proteins and structural integration of newborn neurons in the adult mouse brain**  
Una Avdic, Sweden

**p379**      **Effects of kindling stimulations on parvalbumin immunoreactivity in substantia nigra pars reticulata of GAERS and Wistar rats**  
Ozlem Akman, Turkey

13:30 – 14:30




**TUESDAY 1<sup>ST</sup> JULY  
CLINICAL EPILEPSY 3***Chair: Stevo Lukic, Serbia*

- p380**      **Using the stigma scale of epilepsy (SSE) to assess effectiveness of an epilepsy in-service programme for educators**  
Janet Mifsud, Malta
- p381**      **Epilepsy and antiepileptic drugs treatment in elderly**  
Valbona Govori, Albania
- p382**      **Lacosamide as add-on treatment in epileptic elder patients**  
Giancarlo Conti, Italy
- p383**      **Reduced grey matter volume and prolonged arterial arrival time in an MRI study of occult cerebrovascular disease in late onset epilepsy**  
Martha Hanby, United Kingdom
- p384**      **Correlations between EEG and CT scan in vascular epilepsy**  
Edith Sisak, Romania
- p385**      **Clinical characteristics of mesial temporal lobe epilepsy with amygdala enlargement: association with late-onset temporal lobe epilepsy?**  
Daichi Sone, Japan
- p386**      **Symptomatic epilepsy in the Elderly**  
Tatjana Chepreganova-Changovska, Macedonia, the Former Yugoslav Republic of
- p387**      **Difficulties in diagnosing transient loss of consciousness in the elderly**  
Salwa El Tawil, Egypt
- p388**      **Hyperprolactinemia among women with epilepsy**  
Irina Zhidkova, Russian Federation
- p389**      **Postnatal concerns in children born to women with juvenile myoclonic epilepsy**  
Miloš Babi, Serbia
- p390**      **Correlation of the development of migraine and epilepsy in women**  
Tetyana Litovchenko, Ukraine
- p391**       **Changes in levetiracetam plasma concentrations during pregnancy and its affection on seizure frequency**  
Noemi Andersen Becser, Denmark



13:30 – 14:30

**TUESDAY 1<sup>ST</sup> JULY  
CLINICAL EPILEPSY 4***Chair: Stefano Meletti, Italy*

- p392**      **Capturing women's narratives of epilepsy, pregnancy and postnatal care: a qualitative study**  
Annalise Weckesser, United Kingdom
- p393**       **Risk of bias and clinical heterogeneity in antiepileptic drug teratology studies**  
Jennifer Pulman, United Kingdom
- p394**       **Teenage pregnancies in women with epilepsy clinically validated data from the Oppland perinatal registry**  
Anette Farmen, Norway
- p395**      **Fertility rate among women with epilepsy**  
Galina Odintsova, Russian Federation
- p396**      **Antiepileptic drug therapy during pregnancy and obstetric outcomes in Moscow region: comparing of 1998 and 2013 years**  
Pavel Vlasov, Russian Federation
- p397**       **The effects of antiepileptic drugs on transporter expression in human placenta**  
Nino Tetro, Israel
- p398**      **Features Juveniles myoclonic epilepsy among women of reproductive age**  
Pavel Vlasov, Russian Federation
- p399**      **Development of methodology for imaging the effects of antiepileptic drugs on the placental barrier in vivo**  
Michal Meir, Israel
- p400**      **Prevalence of antiepileptic drugs exposure in pregnant women in the Emilia Romagna Region (Italy): results from the ESPEA (Emilia Romagna Study on Pregnancy and Exposure to Antiepileptic drugs)**  
Barbara Mostacci, Italy
- p401**      **Antiepileptic drug usage and the effects of them on the foetus in epileptic pregnant woman**  
Ipek Midi, Turkey
- p402**      **Frequency and clinical profile of catamenial epilepsy amongs women with epilepsy attending a tertiary care hospital in Enugu, South East Nigeria**  
Orakwue Molokwu, Nigeria

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**TUESDAY 1<sup>ST</sup> JULY  
CLINICAL NEUROPHYSIOLOGY 3***Chair: Julia Jacobs, Germany*

- p403**      **Intracranial EEG investigations of focal cortical dysplasias: added value of depth electrodes in combination with subdural grids to localise the seizure onset zone**  
Laura Mantoan Ritter, United Kingdom
- p404**      **Abnormal functional brain network in epilepsy patients with focal cortical dysplasia**  
Woorim Jeong, Korea, Republic of
- p406**      **Misleading age related focal spike-waves in childhood epilepsy surgery candidates**  
Constanza Dalvit, France
- p407**      **Asymmetric seizure-related modulation of atrioventricular conduction in people with bilateral mesial temporal lobe epilepsy**  
Luca Basili, Germany
- p408**      **Frequency and clinical correlates of frontal intermittent rhythmic delta activity in the adult neurological intensive care unit**  
Nese Dericioglu, Turkey
- p409**      **The sensitivity of short sleep EEG in new onset epilepsies**  
Naz Yeni, Turkey
- p410**      **Automatic analysis and trending of long-term scalp EEG using NeuroTrend**  
Franz Fürbass, Austria
- p411**      **High frequency (gamma activity) evoked by 50Hz stimulation during sEEG presurgical evaluation**  
Elisa Bellistri, Italy
- p412**      **Increased variability in background sensorimotor neural activity in BECTS**  
Khalid Hamandi, United Kingdom

13:30 – 14:30

**TUESDAY 1<sup>ST</sup> JULY  
CLINICAL NEUROPHYSIOLOGY 4***Chair: Jana Zarubova, Czech Republic*

- p413**      **Could EEG features predict the status epilepticus outcome?**  
Lorena Carolina Guzmán García, Spain
- p414**      **Postictal generalized EEG suppression and periictal cardiac autonomic instability in pediatric patients with convulsive seizures**  
Domenico Serino, Italy
- p415**      **Interictal EEG in epileptic children**  
Irma Khachidze, Georgia

- p416**      **Differentiation of EEG patterns in patients with nonconvulsive status epilepticus from EEG patterns in patients with triphasic wave using wavelet analysis**  
Joong Koo Kang, Korea, Republic of
- p417**      **A robust low complexity algorithm for real-time epileptic seizure detection**  
Mojtaba Bandarabadi, Portugal
- p418**      **StatNet EEG a fast and reliable option in patients suspected for NCSE**  
Lady Diana Ladino, Colombia
- p419**      **The longitudinal study of focal EEG finding in temporal lobe epilepsy: is it age-dependent?**  
Nikola Vojvodic, Serbia
- p420**      **EEG chronological changes during the course of Anti-NMDA receptors encephalitis: a four cases study**  
Sarah Rosenberg, France
- p421**      **Differences in cortical excitability between well-controlled and poorly-controlled patients with epilepsy**  
Adam Pawley, United Kingdom
- 13:30 – 14:30**      **TUESDAY 1<sup>ST</sup> JULY  
EPILEPSY IN CHILDHOOD 4**  
*Chair: Andras Fogarasi, Hungary*
- p422**      **Is Rasmussen's encephalitis a NMDA encephalitis? A case report and review of literature**  
Simona Proteasa, USA
- p423**      **Temporal lobe epilepsy surgery in children – electroclinical profiles and outcomes according to etiology**  
Cristina Pereira, Spain
- p424**      **Clinical characteristics of children who develop late onset epileptic spasms: a single center 3-year review from Singapore**  
Hian-Tat Ong, Singapore
- p425**      **Genetic epilepsies with febrile seizures plus – spectrum of phenotypes in patients with SCN1A-related seizures in Polish population**  
Szczepanik Elzbieta, Poland
- p426**      **Self-perceived changes in psychosocial functioning and quality of life in children after resective epilepsy surgery, a long-term follow-up**  
Tove Hallböök, Sweden
- p427**      **Out-of-hospital management of children with prolonged, acute, convulsive seizures in Sweden**  
Tove Hallböök, Sweden






- p429 **Medical reduction of rolandic spikes and speech disorders reduction. Is it equal?**  
Dmitry Zaytsev, Russian Federation
- p430 **West syndrome: clinical-electroencephalography correlation**  
Maria Fomina, Russian Federation
- p431 **A child with ictal vocalizations and generalized epilepsy**  
Mary Kurian, Switzerland
- p432  **NEUROdevelopment in PReschool Children Of Fife and Lothian Epilepsy Study: NEUROPROFILES – a population-based study**  
Matthew Hunter, United Kingdom
- p433 **The characteristics of epileptic children hospitalized in Epilepsy Center for Children in Poland**  
Anna Winczewska-Wiktor, Poland

**13:30 – 14:30** **TUESDAY 1<sup>ST</sup> JULY**  
**EPILEPSY IN CHILDHOOD 5**  
*Chair: Ingrid Olsson, Sweden*

- p435 **Epilepsy in a cohort of children with tuberous sclerosis complex**  
Lingvita Gumbelevičienė, Lithuania
- p436 **Nocturnal partial seizures with affective symptomatology: ten years follow-up**  
Giulia Prato, Italy
- p437 **Clinical and neurologic outcomes of GEFS+ at Cheongju in South Korea**  
Won Seop Kim, Korea, Republic of
- p438 **The individual tolerability of the valproic acid in children suffering from epilepsy with cytochrome P450 polymorphisms and mitochondrial disorders**  
Oksana Globa, Russian Federation
- p439 **2-year EEG follow-up of 24 children with frequent interictal epileptiform discharges (IEDs) in the spectrum of benign focal childhood epilepsies. Correlation of IED changes with changes in medication and seizure frequency**  
Saskia Ebus, Netherlands
- p440 **Endoscopic disconnection of hypothalamic hamartoma in children with drug resistant epilepsy: technique and results regarding a population of 94 patients**  
Martine Fohlen, France
- p441 **Epilepsy outcome in acute encephalopathy with inflammation-mediated status epilepticus (AEIMSE): report of four cases**  
Sara Janis, Italy

- p442**      **Efficacy and safety of lacosamide in epileptic syndromes with continuous spike and waves during slow sleep (csws)**  
Salvatore Grosso, Italy
- p443**      **Nocturnal frontal lobe epilepsy in Mucopolysaccharidosis**  
Paolo Bonanni, Italy
- p444**      **Could vagus nerve stimulation serve as first line of treatment for epilepsy in Rett syndrome?**  
Cristina Anghelescu, Romania

**13:30 – 14:30**      **TUESDAY 1<sup>ST</sup> JULY**  
**EPILEPSY IN CHILDHOOD 6**  
*Chair: Ulrich Stephani, Germany*

- p446**      **Epilepsy in Rett syndrome: lessons from the Rett Networked Database**  
Andreea Nissenkorn, Israel
- p447**      **Epilepsy in 16p11.2 microdeletion: description of epileptic phenotype in 5 children**  
Francesca Ragona, Italy
- p448**      **Epilepsy in children with rare genetic disorders**  
Olga Jotovska, Macedonia, the Former Yugoslav Republic of
- p449**      **Outcome of infantile spasms with ACTH treatment in holoprosencephaly patients- case reports**  
Diana Barca, Romania
- p450**      **Drug-resistant epilepsy and epileptic syndromes in children**  
Bakhytkul Myrzaliyeva, Kazakhstan
- p451**       **Effect of modifications of the national vaccination program on seizure risk following pertussis vaccination in Dravet syndrome patients in the Netherlands**  
Nienke Verbeek, Netherlands
- p452**       **Bitemporal epilepsy: a specific phenotype in the temporal lobe epilepsy spectrum?**  
Flavio Villani, Italy
- p453**       **Efficacy of the ketogenic diet in Dravet syndrome versus other therapies- when to start with?**  
Anastasia Dressler, Austria
- p454**       **Increased frequency of pre-existing seizures due to voltage-gated potassium channels (VGKC) – complex-associated LGI1 autoantibodies encephalitis**  
Katrín Gross-Paju, Estonia
- p455**       **NMDA receptor encephalitis presenting as partial status epilepticus. Case report and discussion**  
Simona Proteasa, USA

13:30 – 14:30

**TUESDAY 1<sup>ST</sup> JULY  
GENETICS 2***Chair: Wolfram Kunz, Germany*

- p456**      **The polymorphisms within fibrinogen alpha and beta genes and poststroke seizures in Polish pediatric patients**  
Ilona Kopyta, Poland
- p457**      **Identification of variants in microRNA genes involved in epileptic encephalopathies**  
Jolien Roovers, Belgium
- p458**      **Occurrence of GLUT1 deficiency syndrome in patients treated with ketogenic diet**  
Anette Ramm-Pettersen, Norway
- p459**      **Rare epileptic syndromes studied with exome sequencing**  
Roar Fjaer, Norway
- p460**      **SCN2A mutations: expanding the phenotype to autism, late-onset seizures and acute encephalitis with refractory, repeated partial seizures**  
Christian Korff, Switzerland
- p461**      **Rare copy number variation is common in Rolandic epilepsy and disrupts known epilepsy genes**  
Laura Addis, United Kingdom
- p462**      **CHD2 mutations produce an early childhood encephalopathy with prominent photosensitive seizures**  
Rhys Thomas, Australia
- p463**      **Genome wide association study for cutaneous adverse reaction of lamotrigine**  
Won-Joo Kim, Korea, Republic of
- p464**      **LG11 expression in glioblastoma multiforme with and without epilepsy**  
Roberto Michelucci, Italy
- p465**      **Serotonin receptors in mesial temporal lobe epilepsy**  
Joao Chaves, Portugal

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**TUESDAY 1<sup>ST</sup> JULY  
IMAGING 3***Chair: Sofia Eriksson, United Kingdom*

- p466**      **A single-voxel spectroscopy study of hippocampal metabolic dysfunction in patients with juvenile myoclonic epilepsy, frontal lobe epilepsy, and psychogenic nonepileptic seizures spectroscopy study**  
Tohru Hoshida, Japan
- p467**      **Lateralization of hippocampal activation for surgical guidance in refractory pediatric epilepsy**  
Leigh Sepeta, USA

**p468** **Ictal subtraction SPECT analysis by statistical parametric mapping (ISAS) on refractory structural epilepsy**  
Carlos Quesada, Germany

**p469** **Early radiological signs of pial angioma in Sturge-Weber syndrome**  
Zvonka Renner-Primec, Slovenia

**p470**  **Neuronal networks related to the offset of absence seizures: an EEG-fMRI study**  
Laura Mirandola, Italy

**p471** **EEG time-varying effective connectivity in left and right temporal lobe epilepsy**  
Serge Vulliemoz, Switzerland


**p472** **Simultaneous EEG-fMRI: posterior slow-waves compared with occipital alpha in childhood absence epilepsy**  
Suejen Perani, United Kingdom

**p473** **Verbal and visual memory function in temporal lobe epilepsy: results of a blocked versus event-related analysis**  
Silvia Bonelli, Austria

**p474** **Duration of temporal lobe epilepsy in children is associated with loss of hippocampal tissue and memory dysfunction**  
Torsten Baldeweg, United Kingdom

**13:30 – 14:30** **TUESDAY 1<sup>ST</sup> JULY**  
**IMAGING 4**  
*Chair: Matthias J. Koepp, United Kingdom*

**p475** **Tuber-sega: the importance of early diagnosis of a new neurologic finding on brain MRI of TS patients**  
Michal Tzadok, Israel

**p476**  **Altered white matter integrity is associated with drug usage in epilepsy patients, a tract-based spatial statistics study**  
Jing Ding, China

**p477** **Proton spectroscopy (1H-MRS), in patients with nocturnal frontal lobe epilepsy (NFLE)**  
Ilaria Naldi, Italy

**p478** **Microstructural connectivity and grey matter study in bitemporal lobe epilepsy**  
Júlia Miró, Spain

**p479** **Reflex traits in idiopathic generalized epilepsies: an EEG-fMRI study**  
Irene Pappalardo, Italy

**p480** **Morphometric MRI analysis enhances visualization of cortical tubers in tuberous sclerosis**  
Patrick House, Germany

**p481**                      **Surgical outcomes of patients with magnetic resonance (MRI)–negative and positron emission tomography (PET/CT) positive temporal lobe epilepsy**  
Andrzej Rysz, Poland

**p482**                      **White matter tract changes with age in temporal lobe epilepsy with unilateral hippocampal sclerosis**  
Donald W. Gross, Canada

**p483**                      **A clinical application for MR-based neuronal current imaging – preliminary results in focal epilepsy**  
Roland Wiest, Switzerland

**p484**                      **Developmental changes of language connectome in children**  
Vladimír Komárek, Czech Republic

## **TUESDAY 1<sup>ST</sup> JULY**

### **13:30 – 14:30      NEUROPSYCHOLOGY AND PSYCHIATRY IN EPILEPSY 3**

*Chair: Mary Lou Smith, Canada*

**p485**                      **Cognitive outcome two years after frontal lobe epilepsy surgery**  
Sofia Ljunggren, Sweden

**p486**                      **Predictors of neuropsychological dysfunction in children with intractable epilepsy due to tuberous sclerosis**  
Alice Maulisova, Czech Republic

**p487**                      **Emotion recognition and faux-pas identification in temporal lobe epilepsy patients: correlation of performance with amygdalar and hippocampal volumes**  
Lukas Martinkovic, Czech Republic

**p488**                      **Attention deficit in patients with temporal lobe epilepsy: clinical, neurophysiological and neuroimaging characteristics**  
Mirjana Jovanovic, Serbia

**p489**                      **Pattern of psychoactive substance use among people living with epilepsy in South-Western Nigeria**  
Emmanuel Babalola, Nigeria

**p490**                      **The diagnostic relationship of interictal dysphoric disorder with mood and anxiety disorders**  
Aihide Yoshino, Japan

**p491**                      **Are there depressive and anxiety symptoms specifically related to children with epilepsy?**  
Dejan Stevanovic, Serbia

**p492**                      **Anxiety and depression among caregivers of children and adolescents with seizure disorders in south western Nigeria**  
Emmanuel Babalola, Nigeria




13:30 – 14:30

**TUESDAY 1<sup>ST</sup> JULY  
OTHERS 3***Chair: Miri Neufeld, Israel*

- p493**      **Should we use a scale in nocturnal behaviour? The results of our sleep unit**  
Aylin Demir, Turkey
- p495**      **Peculiar psychogenic nonepileptic seizures (PNES) characteristics in patients with borderline intellectual functioning or mental retardation**  
Valentina Chiesa, Italy
- p496**      **Provocation of non epileptic seizures by suggestion in children and adolescents population**  
Monika Starczewska, Poland
- p497**      **Incidence of oxygen desaturation in psychogenic non-epileptic seizures**  
Susan Duncan, United Kingdom
- p498**      **Long term follow-up (10 years) of limbic encephalitis associated with VGKC-complex Lgi1 antibodies**  
Pamela Agazzi, Switzerland
- p499**      **Can we distinguish seizures from syncope based on history data – external validation of screening questionnaire?**  
Aleksandar Stojanov, Serbia
- p501**      **Paroxysmal non-epileptic events of childhood**  
Jovanka Delic, Serbia

13:30 – 14:30

**TUESDAY 1<sup>ST</sup> JULY  
OTHERS 4***Chair: Tobias Cronberg, Sweden*

- p502**      **Repeated mild brain trauma and epilepsy**  
Masa Malenica, Croatia
- p503**      **Seizure precipitants in a community-based epilepsy cohort**  
Merel Wassenaar, Netherlands
- p504**       **Non-adherence to AEDs is a major cause of acute hospitalization in patients with epilepsy**  
Christian Samsonsen, Norway
- p505**      **Special reflex features in two epileptic patients with phenylketonuria**  
Nerses Bebek, Turkey
- p506**      **Post-stroke epilepsy in the third level hospital in Marrakech, Morocco**  
Abderrahmane Chahidi, France
- p507**      **Epileptic asystole: a clue to the interpretation of syncope-like attacks in adults**  
Elena Pasini, Italy

- p508**                      **An alternative to collodion**  
Esperanza Wagner, USA
- p509**                      **On the relationship between headaches with somatic and psychiatric comorbidity in patients with epilepsy**  
Lidiya Mar'yenko, Ukraine

13:30 – 14:30

**TUESDAY 1<sup>ST</sup> JULY**  
**PROGNOSIS / EPIDEMIOLOGY 2**

*Chair: Morten I. Lossius, Norway*

- p510**                      **BECTS incidence in Wales – unreported or overestimated?**  
Khalid Hamandi, United Kingdom
- p511**                      **The effect of a 'direct benefit to the patient' on the inclusion rate in two, epidemiologically nearly identical, studies in patients affected by both epilepsy and intellectual disability**  
Petra van Mierlo, Netherlands
- p512**                      **Epilepsy and autism in siblings**  
Jakob Christensen, Denmark
- p513**                      **Long term risk of epilepsy after complex febrile seizure: a Chilean multicentric study**  
Lucila Andrade, Chile
- p514**                      **Neurocysticercosis: a case report**  
Frank Mukonde, Zambia
- p515**                      **Outcome of children with epileptic vertigo**  
Andrea Šimić Klarić, Croatia
- p516**                      **Non-traumatic compressive fractures following a cluster of GTCS – in an osteoporotic young adult male**  
Danjela Ndoja, Albania
- p517**                      **Epilepsy with onset within 3 years of age: electroclinical characterization and long term outcome**  
Aglaia Vignoli, Italy
- p518**                      **Seizure onset zone versus resection area: towards a qEEG-based surgery outcome prognosis?**  
Christian Rummel, Switzerland
- p519**                      **Outcome of video EEG monitoring in a tertiary care epilepsy center**  
Nurkia Mihu, USA

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**TUESDAY 1<sup>ST</sup> JULY  
STATUS EPILEPTICUS 1***Chair: Hannah Cock, United Kingdom*

- p520**      **100 cases in the treatment of status epilepticus with intravenous levetiracetam**  
Steffen Eue, Germany
- p521**      **A case report of new onset refractory status epilepticus (NORSE) in Qatar**  
Gayane Melikyan, Qatar
- p522**      **Focal frontal lobe status epilepticus causing pathological changes of laminar necrosis involving cortical layer 5**  
David Marks, USA
- p523**      **Clinical correlates and prognostic implications of periodic lateralized epileptiform discharges in patients with status epilepticus in acute phase of stroke**  
Petar Nikic, Serbia
- p524**      **National data of status epilepticus in Thailand**  
Somsak Tiamkao, Thailand
- p525**      **Prehospital treatment and outcome of convulsive status epilepticus (CSE) in children**  
Nana Tatishvili, Georgia
- p526**      **Incidence of peri-ictal diffusion MRI changes and their role in adult patients with status epilepticus**  
Han Yi, Korea, Republic of

13:30 – 14:30

**TUESDAY 1<sup>ST</sup> JULY  
SURGICAL TREATMENT AND NEUROMODULATION 3***Chair: Çigdem Özkara, Turkey*

- p527**      **Surgery for mesial temporal lobe epilepsy due to hippocampal sclerosis: four years experience from Epilepsy Center Zagreb, Croatia**  
Tomislav Sajko, Croatia
- p528**      **Intraoperative 1.5T MR imaging and functional neuronavigation in resective epilepsy surgery: expensive hype or future technology? Conclusions from 10 years' experience in 400 patients**  
Andrea Hofmann, Germany
- p529**      **Stereotactic radiofrequency thermocoagulation of hypothalamic hamartoma in 100 consecutive patients**  
Hiroshi Shirozu, Japan
- p530**      **Combined focused ultrasound and Gamma Knife treatment of mesial temporal lobe epilepsy: computer simulation study**  
Mordekhay Medvedovsky, Israel

- p531**      **Visual field defects and permission to drive in adults after temporal lobe resection for epilepsy**  
Johan Bjellvi, Sweden
- p532**      **Place of Stereo electro encephalography after a first failed epilepsy surgery**  
Lisa Vaugier, France
- p533**      **Lesion focussed stereotactic thermo-coagulation instead of open resection: a new way in epilepsy surgery?**  
Jörg Wellmer, Germany
- p534**      **Pediatric epilepsy surgery techniques general issues: inter-center worldwide variability**  
Arthur Cukiert, Brazil
- p535**      **Pediatric epilepsy surgery techniques specific issues: inter-center worldwide variability**  
William Harkness, United Kingdom
- p536**      **Surgical strategies of FLE with cortical dysplasia in terms of extent of resection**  
Eun-Ik Son, Republic of Korea






**13:30 – 14:30**      **TUESDAY 1<sup>ST</sup> JULY**  
**SURGICAL TREATMENT AND NEUROMODULATION 4**  
*Chair: Andreas Schulze-Bonhage, Germany*

- p537**      **Patient experiences of epilepsy surgery – a longitudinal qualitative study**  
Anneli Ozanne, Sweden
- p538**      **epilepsy surgery in children with continuous spike and waves during slow sleep**  
Gudrun Gröppel, Austria
- p539**      **Employment outcome after resective epilepsy surgery in Sweden 1995-2010 – a longitudinal observational study**  
Anna Edelvik, Sweden
- p540**      **Do antiepileptic drug changes affect cognitive outcome after epilepsy surgery?**  
Christoph Helmstaedter, Germany
- p541**      **Insular surgical resection in non tumoral, pharmacoresistant epileptic patients: report on 6 cases explored by SEEG**  
Guillaume Gras-Combe, France
- p542**      **Surgical treatment of epilepsy in patients with tuberous sclerosis**  
Olesya Grinenko, Russian Federation
- p543**      **Evidence-based recommendations for the assessment of epilepsy surgery in a developing country**  
Silvia Kochen, Argentina

- p544 **Insular and insulo-opercular epilepsy in childhood: presurgical stereoEEG exploration and surgical outcome**  
Mathilde Chipaux, France
- p545 **Feasibility of using an online tool to assess appropriateness for an epilepsy surgery evaluation**  
Chantelle Hrazdil, Canada
- p546 **Long-term follow-up after hemispherotomy from the patients' perspective**  
Cecilia Verdinelli, Sweden
- 13:30 – 14:30** **TUESDAY 1<sup>ST</sup> JULY**  
**LATE ABSTRACTS 2**  
*Chair: Rainer Surges, Germany*
- p785 **Mother's depression and child's frequency of epileptic fits**  
Hafeez Mushtaq, Pakistan
- p786 **Ictal characteristics associated with Chest X-ray abnormalities following generalized convulsions**  
Masud Seyal, USA
- p787 **Cardiac rhythm and conductance disturbances in patients with epilepsy**  
Tetyana Litovchenko, Ukraine
- p788 **Video-EEG monitoring in diagnosis of psychogenic non-epileptic seizures: our experience**  
Trajche Ivanovski, Spain
- p789 **Optogenetics reveal delayed afferent synaptogenesis on grafted human induced pluripotent stem cell-derived neural progenitors**  
Natalia Avaliani, Sweden
- p790 **Successful treatment of West syndrome in two children with Down syndrome with ketogenic diet**  
Marek Bachański, Poland
- p791 **Excess mortality and hospitalized morbidity in newly treated epilepsy**  
Zhibin Chen, Australia
- p792 **Deep brain stimulation in epilepsy: preliminary results from a small sample**  
Jacqueline Ardesch, Netherlands
- p793 **The effect of vagus nerve stimulation on behavioural changes in autistic children with intractable epilepsy**  
Evgeny Tsimerinov, USA
- p794 **MRO-guided laser-induced thermal ablation: a promising tool with favorable mid and long-term outcomes for intractable seizures and neurocognitive comorbidities in cortical dysplasias**  
Yaman Eksioglu, USA

- p795** **Cognitive-affective relations and coping strategies in temporal lobe epilepsy with depressive disorders**  
Natalya Ananieva, Russian Federation

**13:30 – 14:30** **WEDNESDAY 2<sup>ND</sup> JULY**  
**ANTIEPILEPTIC DRUGS 7**  
*Chair: Graeme Sills, United Kingdom*

- p547** **Factors influencing willingness to participate in clinical trials among patients with epilepsy**  
Emmi Itkonen, Finland
- p548**  **Comparison of artificial neural network and regression analysis for prediction of initial lamotrigine monotherapy efficacy in adult patients with newly diagnosed localization related epilepsies**  
Stevo Lukic, Serbia
- p549**  **Antiepileptic drugs and cognitive functions in children with symptomatic and cryptogenic forms of epilepsy**  
Svetlana Sivkova, Russian Federation
- p550**  **Retrospective evaluation of antiepileptic drugs and ketogenic diet in 40 patients with CDKL5 mutations: low long-term efficacy**  
Christine Jansen, Germany
- p551** **Lacosamide in mesial temporal lobe epilepsy (MTLE) with hippocampal sclerosis (HS)**  
Angelo Labate, Italy
- p552** **Efficacy and safety of lacosamide in add-on in children and young adults with pharmacoresistant epilepsy**  
Valentina De Clemente, Italy
- p553** **Two year data on efficacy and tolerability of lacosamide as add-on therapy in patients with refractory focal onset epilepsy at a tertiary epilepsy center**  
Elena Kkolou, Cyprus
- p554**  **Long-term efficacy of zonisamide versus carbamazepine monotherapy for treatment of adults with newly diagnosed partial epilepsy: analysis by baseline seizure types**  
Michel Baulac, France
- p555**  **An overall and dose-response meta-analysis of efficacy of newer generation antiepileptic drugs in the treatment of secondarily generalized tonic-clonic seizures**  
Emilio Russo, Italy
- p556** **Zonisamide and retinal vasculitis – a causal relationship?**  
Mariana Leitão-Marques, Portugal
- p557** **Effects of adjunctive zonisamide treatment on weight and body mass index in paediatric patients with partial epilepsy**  
Lieven Lagae, Belgium

13:30 – 14:30

**WEDNESDAY 2<sup>ND</sup> JULY  
ANTIEPILEPTIC DRUGS 8***Chair: Piero Perucca, Australia*

- p558**      **Impact of adjunctive perampanel on behaviour in adolescents with refractory partial-onset seizures**  
Lieven Lagae, Belgium
- p559**       **Do levetiracetam (LEV) and brivaracetam (BRV) differ in their effect on the photo-paroxysmal EEG response (PPR) in epilepsy patients?: results of a retrospective, data mining study**  
Ronald Reed, USA
- p560**      **Efficacy of adjunctive lacosamide ( $\leq 400$  mg/day) in complex partial and secondary generalized seizures in adults with focal epilepsy: pooled analysis of three open-label extension trials**  
Svetlana Dimova, Belgium
- p561**      **Tolerability of lacosamide conversion to monotherapy: a historical-controlled multicenter, double-blind, randomized trial**  
Terence O'Brien, Australia
- p562**      **Perampanel in the treatment of epilepsy: a multicentre evaluation**  
Ioannis Manidakis, United Kingdom
- p563**      **Clinical experience with perampanel in a regional epilepsy clinic**  
Helen Coyle, United Kingdom
- p564**       **Clinical trial feasibility and UK practice survey of rolandic epilepsy and Panayiotopoulos syndrome**  
Deb Pal, United Kingdom
- p565**      **Lacosamide for uncontrolled primary generalized tonic-clonic seizures: an open-label pilot study with 59-week extension**  
Robert Wechsler, USA
- p566**      **Effects on quality of life of lacosamide as first and later adjunctive treatment for uncontrolled partial-onset seizures: a multicenter open-label trial**  
Marc De Backer, Belgium
- p567**      **Efficacy and safety of lacosamide as first adjunctive treatment for uncontrolled partial-onset seizures: a multicenter open-label trial**  
Konrad Werhahn, Germany
- p568**      **Pragmatic long-term open-label study on the effectiveness of lacosamide as add-on therapy in refractory partial epileptic patients**  
Angela La Neve, Italy

13:30 – 14:30

**WEDNESDAY 2<sup>ND</sup> JULY**  
**ANTIEPILEPTIC DRUGS 9***Chair: Bernhard Steinhoff, Germany*

p569

**Brivaracetam bioavailability/bioequivalence comparison between 10, 50, 75 and 100 mg tablets and 100 mg intravenous bolus in healthy volunteers**  
Armel Stockis, Belgium

p570

**Clinical experience with therapeutic drug monitoring of eslicarbazepine acetate in Norway**  
Cecilie Johannessen Landmark, Norway

p571

**Patients' versus prescribers' view of antiepileptic medication**  
Morten Mevåg, Norway

p572

**Lennox-Gastaut syndrome and vagus nerve simulator: case report of five year follow up**  
Isabella Meira, Brazil

p573

**First clinical experiences with perampanel in Vienna**  
Christoph Baumgartner, Austria

p574

**A new MEPS/HPLC-DAD assay for therapeutic drug monitoring of phenobarbital, phenytoin, carbamazepine, lamotrigine, oxcarbazepine, and their active metabolites carbamazepine-10,11-epoxide and licarbazepine in human plasma**  
Ana Ferreira, Portugal

p575

**Therapeutic drug monitoring of anticonvulsants in clinical practice in Russia**  
Marina Leonova, Russian Federation

p576

**The effect of oral contraceptives on the lamotrigine concentration depends on comedication\***  
Ilse Wegner, Netherlands

p577

**Effect of dosing intervals on the pharmacokinetic profile of USL255, once-daily extended-release topiramate**  
Barry Gidal, USA

p578

**Non-convulsive status epilepticus triggered by emergency contraception (Levonorgestrel) in patient with epilepsy and lamotrigine therapy**  
Iraida Pisarenco, Switzerland

13:30 – 14:30

**WEDNESDAY 2<sup>ND</sup> JULY**  
**BASIC SCIENCE 5***Chair: Fredrik Asztély, Sweden*

p579

**Amelioration of neural impairment by MK-801 in hippocampal CA3 area of cortical spreading depression induced rats**  
Milad Ahmadi, Iran, Islamic Republic of



- p580**      **Beta adrenergic blockade reverses increased cardiac excitability in a model of acquired epilepsy**  
Anne E. Anderson, USA
- p581**      **NS-PTEN KO mouse model of cortical dysplasia with epilepsy is associated with hippocampal micro- and astrogliosis**  
Amy L. Brewster, USA
- p582**      **Increased activity of hydrogen peroxide-removing enzymes in hippocampi of the patients with mesial temporal lobe epilepsy due to hippocampal sclerosis**  
Aleksandar Risti, Serbia
- p583**      **Metallome of sclerotic hippocampi in patients with drug-resistant mesial temporal lobe epilepsy**  
Aleksandar Risti, Serbia
- p584**      **Retinal nerve fiber layer thickness: a possible biomarker of drug resistance in epilepsy**  
Simona Balestrini, United Kingdom
- p585**      **Aconitum cochleare WOROSCHIN-oil attenuates the molecular markers of epileptogenesis in Pentylentetrazole induced kindled mice with safe toxicity profile**  
Saima Malhi, Pakistan
- p586**      **Proteomic profiling of the hippocampus of rats subjected to the pilocarpine model of epilepsy presenting status epilepticus or not**  
Daniele Persike, Brazil
- p587**      **Effect of the anti-seizure drugs vinpocetine, carbamazepine and valproic acid on IL-1 and TNF- expression in the hippocampus**  
Carlos Gómez, Mexico
- p588**      **Effects of cytidine 5'-diphosphocholine (CDP-choline) on seizure-induced neuron death**  
Hong Ki Song, Korea, Republic of
- 13:30 – 14:30**      **WEDNESDAY 2<sup>ND</sup> JULY**  
**BASIC SCIENCE 6**  
*Chair: My Andersson, Sweden*
- p589**      **Memory impairment caused by spreading depression modulated by injection of nifedipine**  
Mahmood Lotfinia, Iran, Islamic Republic of
- p590**      **Chronic focal delivery of vigabatrin into the subthalamic nucleus is anticonvulsant in the pentylentetrazole seizure threshold test in rats**  
Laura Gey, Germany
- p591**      **Electrographic and behavioral characterization of EP-80317 anticonvulsant effects in pilocarpine-treated rats**  
Giulia Curia, Italy

- p592**                      **The effect of rapamycin (sirolimus) on penicillin-induced epileptiform activity in rats**  
Seyit Ankarali, Turkey
- p593**                      **The effect of thymoquinone on penicillin-induced epileptiform activity in rats**  
Ozge Beyazcicek, Turkey
- p594**                      **Indirect activation of the endocannabinoid system: 2-arachidonoylglycerol mediates cannabinoid-dependent effects in a mouse model of temporal lobe epilepsy**  
Eva-Lotta von Rüden, Germany
- p595**                      **Synergistic interaction of some selected combinations among three antiepileptic drugs in the mouse maximal electroshock-induced seizure model – a type I isobolographic analysis**  
Jarogniew J. Łuszczki, Poland
- p596**                      **Neuroplasticity and neurogenesis in epilepsy- is it possible?**  
Liudmila Lipatova, Russian Federation
- p597**                      **Exposure of the immature brain to benzodiazepines leads to cognitive impairment and decreased neurogenesis later in the life**  
Hana Kubová, Czech Republic
- p598**                      **Effect of zinc pretreatment per se and with antiepileptic drugs (AEDs) in experimental seizure models**  
Jatinder Katyal, India

**WEDNESDAY 2<sup>ND</sup> JULY**  
**CLINICAL EPILEPSY 5**

**13:30 – 14:30**

*Chair: Stjepana Kovac, United Kingdom*

- p599**                      **A comparison of treatment and emergency care use for prolonged seizures in children occurring in the community in Italy: a model based analysis**  
Federico Vigevaro, Italy
- p600**                      **The use of Just Checking (JC) motion passive infra red (PIR) sensors as assistive technology to screen for nocturnal seizures (NS) in patients with severe intellectual disability (ID) who were unable to give informed consent or at risk of becoming behaviourally distressed when attempts were made to have overnight EEGs**  
Rohit Shankar, United Kingdom
- p601**                      **Epileptic seizures workup in the emergency department- a retrospective data analysis**  
Ivana Markovic, Croatia
- p602**                      **Memory & epilepsy: what factors determine the severity of memory decline in epileptic patients?**  
Emma Bray, United Kingdom

- p603**      **Epilepsiwebben- an open internetbased information site for adolescents with epilepsy**  
Mirja Neideman, Sweden
- p604**      **The POEM study: testing the impact of a digital health platform in U.S. veterans with epilepsy**  
John Hixson, USA
- p605**      **What do 'they' know about epilepsy?**  
Pelin Dogan Ak, Turkey
- p606**      **Parenting stress does not normalize after childhood epilepsy surgery**  
Olga Braams, Netherlands
- p607**      **The relations among stigma, overprotection, disclosure and concerns related with epilepsy**  
Nuran Aydemir, Turkey
- p608**      **Unexpected reading epilepsy misdiagnosed as cryptogenic focal epilepsy**  
Beatriz Giráldez, Spain

**13:30 – 14:30**      **WEDNESDAY 2<sup>ND</sup> JULY**  
**CLINICAL EPILEPSY 6**  
*Chair: Lino Nobili, Italy*

- p609**      **Performance of a multidisciplinary specialist service for adult patients with Epilepsy and Intellectual disability**  
In Tan, Netherlands
- p610**      **Impact of feature film "Ek Naya Din" – fight against epilepsy on North Indian States**  
Vijaya Mishra, India
- p611**      **Sociodemographic disparities in administration of antiepileptic drugs to adults in Germany**  
Hajo Hamer, Germany
- p613**      **Perception of epilepsy among Nigerian school children**  
Fatai Salawu, Nigeria
- p614**      **Parental distress and perceived social support in parents of children with idiopathic epilepsy**  
Viviana Guerriero, Italy
- p615**      **How does the label "epileptic" influence attitudes towards epilepsy?**  
Latica Friedrich, Croatia
- p617**      **Interictal epileptic activity and its impact on driving ability**  
Heinz Krestel, Switzerland
- p618**      **Incidence, hospitalization costs and risk factors of epilepsy-related injuries and accidents**  
Adam Strzelczyk, Germany

**p619**                      **Driving among epilepsy patients in West China**  
Jiani Chen, China

**p620**                      **Feasibility of whole body vibration training in people with epilepsy, osteopenia and an intellectual disability**  
Francesca Snoeijs-Schouwenaars, Netherlands

**13:30 – 14:30**

**WEDNESDAY 2<sup>ND</sup> JULY**  
**CLINICAL NEUROPHYSIOLOGY 5**

*Chair: Dorothee Kasteleijn-Nolst Trenité, Italy*

**p621**                      **Transient global amnesia: high density EEG recording of acute phase and recovery**  
Francesco Zellini, Switzerland

**p622**                      **Distinctive interictal and ictal video-EEG features of epilepsy in SCN8A encephalopathy**  
Elena Gardella, Denmark

**p623**                      **Auditory steady-state responses are absent in Dravet syndrome and present in other epileptic syndromes**  
Sofía Isabel Cieza Ortiz, Spain

**p624**                      **Intracranial EEG seizure-onset patterns correlate with interictal HFOs in patients with refractory epilepsy**  
Taissa Ferrari-Marinho, Canada

**p625**                      **EEG coherency in children with autism**  
Vlada Radivojevic, Serbia

**p626**                      **White blood cell count in patients with epileptic seizures**  
Vasileios Papaliagkas, Greece

**p627**                      **The role of EEG in episodes of loss of consciousness: one or more recordings?**  
Dimitrios Kazis, Greece

**p628**                      **Non-convulsive status epilepticus in patients with post coma unconsciousness at severe craniocerebral injury**  
Mikhail Aleksandrov, Russian Federation

**p629**                      **Cognitive functions in patients with frontal lobe epilepsy during topiramate and depakine therapy**  
Gennady Selitskii, Russian Federation

**p630**                      **Cortical activity in tinnitus patients and its modification by phonostimulation**  
Katarzyna Pawlak-Osińska, Poland

13:30 – 14:30

**WEDNESDAY 2<sup>ND</sup> JULY  
EPILEPSY IN CHILDHOOD 7***Chair: Solomon L. Moshé, USA*

- p631**      **Perceived stigma of patients with refractory epilepsy and intellectual disability**  
Ekaterina Viteva, Bulgaria
- p632**      **Efficacy of add-on lacosamide in refractory epilepsy patients with learning disabilities**  
Vaiva Petrenaite, Denmark
- p633**      **The modified Atkins diet in patients with refractory epilepsy and severe intellectual disability – design of a randomized controlled trial**  
Hanna Hulshof, Netherlands
- p634**      **The effect of selective serotonin reuptake inhibitors on the frequency of epileptic seizures in young people with severe epilepsy**  
Francis Kumar, United Kingdom
- p635**      **Down's syndrome and epilepsy – an retrospective audit**  
Pauls Auce, United Kingdom
- p636**      **Are repetitive febrile seizures comorbid with learning disabilities or behaviour disorders?**  
Patricia Smeyers, Spain
- p637**      **Features of symptomatic mesial temporal lobe epilepsy concerning the age of its manifestation**  
Olga Kirillovskikh, Russian Federation
- p638**      **Road to a cure for Dravet syndrome**  
Ana Mingorance-Le Meur, Spain

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**WEDNESDAY 2<sup>ND</sup> JULY  
EPILEPSY IN CHILDHOOD 8***Chair: Maria Dahlin, Sweden*

- p639**      **Refractory temporal lobe epilepsy with anti-caspr-2 antibodies**  
David Krysl, Czech Republic
- p640**      **Two siblings with an identical CDKL5 mutation: genotype and phenotype evaluation**  
Eveline Hagebeuk, Netherlands
- p641**      **Lennox-Gastaut syndrome in adult patients**  
Maja Milovanovic, Serbia
- p642**      **Investigation of interictal cardiac rhythm abnormalities, heart rate variability and related factors in untreated patients with idiopathic generalized epilepsy**  
Kadriye Agan, Turkey

- p643** **Lafora disease similar to juvenile myoclonic epilepsy**  
Meliha Tan, Turkey
- p644** **Eyelid myoclonia with absences: a retrospective follow-up study of clinical and electrophysiological characteristics**  
Vasiliki Tsirka, United Kingdom
- p645** **Aetiology of epilepsy in Ireland (series of patients in a tertiary centre)**  
Hany El-Naggar, Ireland
- p646** **Clinical features and evolution of epilepsy in Hemiconvulsion-Hemiplegia-Epilepsy (HHE) syndrome**  
Dragan Marjanovic, Denmark
- p647** **A different type reflex epilepsy: epilepsy induced by cold weather**  
Ali Akyol, Turkey

**WEDNESDAY 2<sup>ND</sup> JULY****13:30 – 14:30****EPILEPSY IN CHILDHOOD 9***Chair: Federico Vigeveno, Italy*

- p648** **Psychiatric disturbance in children with epilepsy**  
Frank Besag, United Kingdom
- p649** **Primary systemic carnitine deficiency causing infantile onset seizures**  
Loucas Christodoulou, United Kingdom
- p650** **Absence seizures in a patient with celiac disease (CD)**  
Dimitrios Kazis, Greece
- p651** **Identification of osteoporosis amongst people with intellectual disabilities (ID) being treated with antiepileptic drugs (AEDs)**  
David Cox, United Kingdom
- p653** **Nitrazepam as first line treatment in West syndrome**  
Jayakara Shetty, United Kingdom
- p654** **Lennox-Gastaut syndrome in adulthood: clinical features from a long term follow-up**  
Gaia Donata Oggioni, Italy
- p655** **Epileptic encephalopathies: comorbidity or a cause of autistic spectrum disorders in early childhood**  
Ludmila Kirilova, Ukraine

**WEDNESDAY 2<sup>ND</sup> JULY****13:30 – 14:30****EPILEPSY IN CHILDHOOD 10***Chair: Rima Nabbout, France*

- p656** **Encephalopathy related to status epilepticus during slow sleep (ESES): electroclinical features and evolution in a cohort of idiopathic cases**  
Elena Pavlidis, Italy

- p657  **Cortical sources of magnetic spike-waves in 60 children with electric status epilepticus during sleep (ESES) with suspected encephalopathy**  
Ritva Paetau, Finland
- p658 **Antiepileptic treatment in Dravet syndrome: an additional complexity for the families**  
Nathalie Coqué, France
- p659  **The encephalopathy in Dravet syndrome is not a direct consequence of epilepsy**  
Nicole Chemaly, France
- p660 **Incidence of neonatal seizures: a prospective study**  
Alberto Espeche, Argentina
- p661 **Pharmacologic treatment of neonatal seizure in Chungbuk, Korea**  
Won Seop Kim, Korea, Republic of
- p662 **Expanding the clinical, genetic, and pathogenic spectrum of neonatal epilepsies associated with KCNQ2 mutations**  
Sharon Aharoni, Israel
- p663  **Treatment of status epilepticus and seizures in patients with KCNQ2 encephalopathy**  
Tiziana Pisano, Italy
- p664  **Bumetanide and hearing loss: results of a phase I/II dose finding and feasibility trial of bumetanide for second line treatment of neonatal seizures (NEMO)**  
Ronit Pressler, United Kingdom
- p665 **Roles of limbic-hypothalamic-pituitary-adrenal (LHPA) axis activity and gamma-aminobutyric acid type A receptor (GABAAR)-mediated excitation in propofol-induced electroencephalographic seizures in neonatal rats**  
Anatoly Martynyuk, USA
- 13:30 – 14:30** **WEDNESDAY 2<sup>ND</sup> JULY**  
**GENETICS 3**  
*Chair: Eylert Brodtkorb, Norway*
- p666 **Mitochondrial DNA profiling via genomic analysis in mesial temporal lobe epilepsy patients with hippocampal sclerosis**  
Candan Gurses, Turkey
- p667 **No evidence for a role of cystatin  $\beta$  gene in juvenile myoclonic epilepsy**  
Laura Mumoli, Italy
- p668 **Sodium channel mutations and generalized epilepsy with febrile seizures plus**  
Ricardo Almendra, Portugal

- p669**                      **Methylation patterns in human frontal lobe epilepsy of unknown origin**  
Antonieta Coppola, United Kingdom
- p670**                      **The genetics of status epilepticus – a review of the known causative genes**  
Meghna Bhatnagar, United Kingdom
- p671**                      **Inter-rater reliability of multicentre phenotyping for genomic association studies in epilepsy**  
Chantal Depondt, Belgium
- p672**                      **Gene expression in childhood and juvenile absence epilepsy**  
Markus von Deimling, Germany
- p673**                      **Whole exome sequencing of patients with tuberous sclerosis without a previously identified mutation**  
Caroline Lund, Norway
- p674**                      **Introduction of gene panels in DNA diagnostics for epilepsy**  
Marjan van Kempen, Netherlands
- p675**                      **KCNT1 mutations in Seizure Disorders and Sudden Unexplained Death in Epilepsy (SUDEP)**  
Rikke Møller, Denmark
- p676**                      **Identification of presumed disease-causing genetic variations by a NGS screening panel targeting 31 childhood epilepsy-related genes**  
Line H. G. Larsen, Denmark

**13:30 – 14:30**                      **WEDNESDAY 2<sup>ND</sup> JULY**  
**GENETICS 4**

*Chair: Carla Marini, Italy*

- p677**                      **Two novel and three known EPM2A and NHLRC1 (EPM2B) gene variants leading to Lafora disease in Turkish patients**  
Nerses Bebek, Turkey
- p678**                      **A new therapeutic formula of infantile spasms in Down syndrome?**  
Oana Tarta-Arsene, Romania
- p679**                      **Epileptic encephalopathy with continuous spikes and waves during slow sleep in Gurrieri syndrome**  
Alice Denisa Dica, Romania
- p680**                      **Epilepsy in Angelman syndrome**  
Alexey Kholin, Russian Federation
- p681**                      **Exome sequencing in myoclonic astatic epilepsy identifies known epilepsy genes and interesting candidate genes**  
Sarah von Spiczak, Germany



- p682**                    **No association between C3435T polymorphism in MDR1 gene and anti-epileptic drug resistance in Puerto Rican children with epilepsy**  
Jocelyn Montalvo, Puerto Rico
- p683**                    **Clinical features of four Egyptian families with familial focal epilepsy with variable foci (FFEVF)**  
Salwa El Tawil, Egypt
- p685**                    **Do CHD2 gene mutations determine myoclonic-astatic epilepsy?**  
Giulia Barcia, France

**13:30 – 14:30**                    **WEDNESDAY 2<sup>ND</sup> JULY**  
**IMAGING 5**

*Chair: Christian Bien, Germany*

- p686**                    **MRI findings in refractory epilepsy**  
Anup Thacker, India
- p687**                    **Comparison of language fMRI during two tests of association and language in temporal lobe epilepsy patients**  
Laura Seynaeve, Belgium
- p688**                    **Added value of multimodal structural and functional imaging in dual pathology**  
Christian Weisstanner, Switzerland
- p689**                    **Cannabinoid receptor type 1 availability and spontaneous temporal lobe seizures**  
Alexander Hammers, United Kingdom
- p690**                     **Transient lesion in the splenium of the corpus callosum and a sudden antiepileptic drugs withdrawal during video-EEG telemetry**  
Dragoslav Sokic, Serbia
- p691**                    **Atypical language networks in epilepsy: the interaction with the epileptic network**  
Maria Centeno, United Kingdom
- p692**                    **Language lateralisation before and after epilepsy surgery in children: relationship to cognitive function**  
Rosie Coleman, United Kingdom
- p693**                    **Brain metals in epilepsy: first insights from atomic neuroscience in post-surgical tissue**  
Ann Lam, USA
- p694**                    **Diffusion tensor imaging and tractography identify structural changes in cryptogenic focal epilepsy**  
Christian Vollmar, Germany
- p695**                    **An fMRI response to facial emotional expressions in benign childhood epilepsy with centro-temporal spikes**  
Carolina Ciumas, France

- p696**      **Reading, listening and memory-related BOLD signal response in children with early-stage temporal lobe epilepsy of unknown cause – an fMRI study**  
Katariina Mankinen, Finland

### WEDNESDAY 2<sup>ND</sup> JULY

13:30 – 14:30

### NEUROPSYCHOLOGY AND PSYCHIATRY IN EPILEPSY 4

*Chair: Sallie Baxendale, United Kingdom*

- p697**      **A case of body dysmorphic disorder after epilepsy surgery and childbirth**  
Mitsutoshi Okazaki, Japan
- p698**      **Psychiatric comorbidity and seizure control in patients with tuberous sclerosis complex**  
Nebojsa Jovic, Serbia
- p699**      **Validation of the generalized anxiety disorder-7 in people with epilepsy: a MEPSY study**  
Jong-Geun Seo, Korea, Republic of
- p700**      **The antidepressant sertraline diminish the expression of IL-1 and TNF-mRNA induced by seizures in the hippocampus**  
María Sitges, Mexico
- p701**      **Epilepsy and depression comorbidity in adolescents**  
Maria Mazurkiewicz-Beldzinska, Poland
- p702**      **The incidence of mental retardation and behavioral difficulties at children with epilepsy**  
Georgeta Diaconu, Romania
- p703**      **Psychiatric disorders in juvenile myoclonic epilepsy**  
Snezana Japalac, Serbia
- p704**      **Psychiatric disorders in patients with epilepsy**  
Silvana Mijo, Albania
- p705**      **Substance use disorders and psychotic disorders in epilepsy: a population-based registry study**  
Eline Revdal, Norway

### WEDNESDAY 2<sup>ND</sup> JULY

13:30 – 14:30

### NEUROPSYCHOLOGY AND PSYCHIATRY IN EPILEPSY 5

*Chair: Christoph Helmstaedter, Germany*



- p706**      **Fast detection of depression in epilepsy**  
Christian Hansen, Denmark
- p707**      **Vagus nerve stimulation has antidepressant effects in the kainic acid model for temporal lobe epilepsy**  
Annelies Grimonprez, Belgium

- p708** Peculiar properties of electroencephalogram in children with autism spectrum disorder and speech disturbances  
Rimma Gamirova, Russian Federation
- p709** Sleep disorders in patients with drugresistant focal epilepsies  
Miguel Ley Nácher, Spain
- p710** Do epileptiform abnormalities on EEG at ADHD assessment influence on the use of methylphenidate, antiepileptic drugs and epileptic seizure occurrence during two years follow-up?  
Dobrinko Socanski, Norway
- p711** Depression and anxiety in a group of seventy patients with epilepsy  
Slavica Vujisic, Montenegro
- p712** Misdiagnosis of epileptic seizures as psychogenic – a rare problem  
Christoph Kurth, Germany
- p713** Epilepsy as psychological problem  
Almasa Kapidzic, Bosnia and Herzegovina


**WEDNESDAY 2<sup>ND</sup> JULY**  
**OTHERS 5**

**13:30 – 14:30**

*Chair: Erik Taubøll, Norway*

- p715** Change in astrocytic Ca<sup>2+</sup> response during the latent period of epileptogenesis in the adult mouse  
Kjell Heuser, Norway
- p716**  Epileptic seizures in neuro-Behcet disease  
Gulnihal Kutlu, Turkey
- p717** Hypoglycaemia and risk of seizures: a retrospective cross-sectional study  
Imad Halawa, Sweden
- p718** Immunological parameters in epilepsy  
Rano Azizova, Uzbekistan
- p719**  Poststroke epilepsy and functional outcome  
Rano Azizova, Uzbekistan
- p720** Influence of oxcarbazepine (Oxapine) on cognitive functions in epilepsy  
Rano Azizova, Uzbekistan
- p721** Clinical value of simultaneous EEG and functional MRI for epilepsy diagnosis and treatment  
Pauly Ossenblok, Netherlands
- p722** Case report of asystole and reactive anoxic seizures due to extra-adrenal pheochromocytoma  
Liza Mkhitaryan, Armenia

- p723 **Sexual dysfunction and sexual well-being in people with epilepsy in Norway**  
Oliver Henning, Norway

- p724  **The value of lumbar puncture in the diagnostic evaluation of a first unprovoked seizure**  
Vaso Zisimopoulou, Greece

13:30 – 14:30


### WEDNESDAY 2<sup>ND</sup> JULY


#### OTHERS 6

*Chair: Mike Kerr, United Kingdom*

- p725 **Injuries in epilepsy-seizure related**  
Ana Doneva, Macedonia, the Former Yugoslav Republic of

- p726 **Literature about epilepsy for children. The use of epilepsy stories at a National Epilepsy Hospital in Norway. The purpose of the ongoing project (2010-2017) is to spread children's experiences with epilepsy, primarily in conversations with children and their parents. The project are run by experienced epilepsy nurses**  
Mia Tuft, Norway

- p727  **Brain network organization in focal epilepsy: a systematic review and meta-analysis**  
Eric Van Diessen, Netherlands

- p728  **Headache and epilepsy: prevalence and clinical features of 398 patients**  
Francesca Bisulli, Italy

- p729 **Two cases of chorea-acanthocytosis with epilepsy**  
Hakan Kaleagasi, Turkey

- p730 **National registry of Dravet's syndrome and other syndromes correlated with genes SCN1a and PCDH19**  
Bernardo Dalla Bernardina, Italy

- p731 **Epileptic seizures in pediatric population with bacterial meningitis in a developing country**  
Laura Maria de Figueiredo Ferreira Guilhoto, Brazil

- p732 **Hypomagnesemia and hypocalcemia mimicking symptomatic focal epilepsy: a case report**  
Jonas Ihle, Switzerland

- p733 **Views of young people toward epilepsy in Vojvodina**  
Vesna Ivetic, Serbia

- p734 **Prevention of development of tolerance to phenobarbitone in mice using herbal extracts**  
Jatinder Katyal, India

13:30 – 14:30

**WEDNESDAY 2<sup>ND</sup> JULY**  
**PROGNOSIS / EPIDEMIOLOGY 3**
*Chair: Ettore Beghi, Italy*

- p735**      **Status epilepticus as a prognostic indicator in Tubercular Meningitis**  
 Vijaya Mishra, India
- p736**      **No all the patients with temporal lobe epilepsy are surgical candidates: a 5 years cohort**  
 Lizbeth Hernandez Ronquillo, Canada
- p737**      **Prognosis of epilepsy in patients with severe motor and intellectual disabilities: a 10-year follow-up**  
 Ken Momosaki, Japan
- p738**      **Hemispherotomy in Rasmussen encephalitis: long-term outcome in an Italian series of 16 patients**  
 Sara Matricardi, Italy
- p740**      **Clinical heterogeneity of juvenile myoclonic epilepsy: follow-up after an interval of more than 20 years**  
 Marte Syvertsen, Norway
- p741**      **Long term outcome in children with infantile spasms treated with vigabatrin: a cohort of 180 patients**  
 Milena Djuric, Serbia
- p742**      **Adult-onset rasmussen encephalitis: long-term course and treatment options**  
 Francesco Deleo, Italy
- p743**      **10-year outcome of childhood epilepsy in well-functioning children and adolescents – social and psychological factors**  
 Orvar Eeg-Olofsson, Sweden
- p744**      **Clinical characteristics of patients with refractory MRI-negative, PET-positive temporal lobe epilepsy**  
 Irena Doležalová, Czech Republic
- p745**      **Influence of early and late treatment of epilepsy on seizure prognosis**  
 Adedunni Olusanya, Nigeria
- p746**      **White matter microstructural abnormalities are present 8 years after prolonged febrile seizures: results from a population-based study**  
 Suresh Pujar, United Kingdom

13:30 – 14:30

**WEDNESDAY 2<sup>ND</sup> JULY**  
**STATUS EPILEPTICUS 2**
*Chair: David Henshall, Ireland*

- p747**      **Systemic inflammatory response syndrome influences short-term mortality in status epilepticus**  
 Lara Stragapede, Italy

- p748**                    **A case of status epilepticus in thrombotic thrombocytopenic purpura**  
Yasmin Handouk, Italy
- p749**                    **Epidemiology based mortality score in status epilepticus – a retrospective exploratory comparison**  
Markus Leitingner, Austria
- p750**                    **A short-term monocentric prospective observational study of refractory/super-refractory status epilepticus**  
Giada Giovannini, Italy
- p751**                    **Neuroimaging in the children with status epilepticus**  
Tijana Milivojevic, Serbia
- p753**                    **Characteristics of epilepsy in children with epileptic status**  
Suzana Dedijer, Serbia
- p754**                    **Mortality after refractory status epilepticus**  
Anne-Mari Kantanen, Finland

**13:30 – 14:30**                    **WEDNESDAY 2<sup>ND</sup> JULY**  
**SURGICAL TREATMENT AND NEUROMODULATION 5**

*Chair: Petr Marusic, Czech Republic*

- p755**                    **Predicting successful antiepileptic drug withdrawal in children after epilepsy surgery**  
Pavel Krsek, Czech Republic
- p756**                    **Long term follow-up (>10 years) in a single Epilepsy Surgery Centre: a series of 420 consecutive patients operated on for drug-resistant epilepsy at the "Claudio Munari" Centre**  
Stefano Francione, Italy
- p757**                    **A knock-out to the immunomodulatory approach: a successful dominant hemispherotomy in Rasmussen encephalitis**  
Hadassa Goldberg-Stern, Israel
- p758**                    **Epilepsy surgery in adult-onset Rasmussen's encephalitis: case series and review of the literature**  
Sara Casciato, Italy
- p759**                    **Psycho-social outcomes following epilepsy surgery: results from the Epilepsy Psycho-Social Effects Scale (EPSES)**  
John Chaplin, Sweden
- p760**                    **Temporal anteroinferior encephalocele: an under-recognized etiology of temporal lobe epilepsy?**  
Leena Jutila, Finland
- p761**                    **Functional hemispherectomy in children and young adults with medically intractable epilepsy: influence of underlying pathology on outcome**  
Nilesh Mundil, United Kingdom

- 
- p762      **Clinical and MRI evaluation of the transuncus selective amygdalo-  
hypocampectomy**  
Paulo Henrique Campesan Galego, Brazil
- p763      **COL4A1 mutations should not be a contraindication for epilepsy surgery**  
Apostolos Papandreou, United Kingdom
- p764      **Recovery of memory function following selective  
amygdalohypocampectomy via the inferior temporal gyrus**  
Haruhiko Kishima, Japan
- p765      **Health-related quality of life after epilepsy surgery in childhood**  
Monique van Schooneveld, Netherlands

# OTHER INFORMATION



TRAVEL BURSARIES  
SPEAKERS' LIST  
LIST OF EXHIBITORS AND FLOORPLAN

## OTHER INFORMATION

### TRAVEL BURSARIES

51 abstracts were selected for Travel Bursaries by the Scientific Advisory Committee. The Travel Bursaries cover flight, accommodation and registration and are provided by the ILAE Commission on European Affairs.

The 11<sup>th</sup> ECE Travel Bursary recipients are:

SURNAME	FIRST NAME	COUNTRY
Aksoy	Duygu	Cyprus
Ali	Idrish	Sweden
Azizova	Rano	Uzbekistan
Baftiu	Arton	Norway
Balosso	Silvia	Italy
Bartolini	Emanuele	Italy
Benninger	Felix	Israel
Bröer	Sonja	Germany
Budisteanu	Magdalena	Romania
Chugh	Deepti	Sweden
De Liso	Paola	Italy
Del Felice	Alessandra	Italy
Dinkelacker	Vera	France
Djémié	Tania	Belgium
Eryigit	Tugba	Turkey
Evangelista	Elisa	France
Ferlisi	Monica	Italy
Grade	Madeline	United Kingdom
Häussler	Ute	Germany
Ilvento	Lucrezia	Italy
Kadam	Shilpa	USA
Kistsen	Volha	Belarus
Landgrave-Gómez	Jorge	Mexico
Librizzi	Laura	Italy
Maliai	Mihai Dragos	Romania
Mendes	Amelia	Portugal
Milesi	Sebastien	France
Milian	Monika	Germany
Mirza	Nasir	United Kingdom
Miszczuk	Diana	Poland
Monti	Giulia	Italy
Nevalainen	Olli	Finland
Pickrell	William	United Kingdom
Pietrafusa	Nicola	Italy
Reinholdson	Jesper	Sweden
Rohracher	Alexandra	Austria
Scholly	Julia	France
Schwind	Josefine	Germany
Shekh-Ahmad	Tawfeeq	Israel
Sivkova	Svetlana	Russian Federation
Srikanth	Racharla	India
Teocchi	Marcelo	Brazil
Thyrión	Lisa	Belgium
Treviño-Peinado	Cristina	Spain
Tuan	Nguyen Anh	Vietnam
Van Diessen	Eric	Netherlands
Veersema	Tim	Netherlands
Vogt	Viola	Germany
Voll	Alexandra	Canada
Witt	Juri-Alexander	Germany
Zheng	Ping	Australia

## SPEAKERS' LIST

SURNAME	FIRST NAME	COUNTRY	SESSION TYPE	DATE	TIME	HALL	ROLE
Alarcon	Gonzalo	United Kingdom	Parallel Session	01-Jul	14:30-16:00	A4	Chair
Ali	Idrish	Sweden	Platform Session	03-Jul	13:30-15:00	A4	Speaker
Amlerova	Jana	Czech Republic	Parallel Session	29-Jun	14:30-16:00	K11	Speaker
Amzica	Florin	Canada	Special Symposium	02-Jul	14:30-16:00	A2	Speaker
Amzica	Florin	Canada	Teaching Course	03-Jul	11:30-13:00	A4	Speaker
Andersson	My	Sweden	Teaching Session	01-Jul	07:30-09:00	A4	Chair
Andersson	My	Sweden	Platform Session	03-Jul	13:30-15:00	A4	Chair
Andrzejak	Ralph G.	Spain	ECE Forum	03-Jul	07:30-09:00	K11	Speaker
Appleton	Richard	United Kingdom	Satellite Symposium	01-Jul	16:30-18:00	A2	Speaker
Arida	Ricardo Mario	Brazil	ECE Forum	03-Jul	13:30-15:00	K16&17	Speaker
Aronica	Eleonora	Netherlands	ECE Forum	03-Jul	11:30-13:00	K16&17	Speaker
Arzimanoglou	Alexis	France	Parallel Session	01-Jul	14:30-16:00	K2	Chair
Arzimanoglou	Alexis	France	Special Symposium	02-Jul	16:30-18:00	K1	Speaker
Arzimanoglou	Alexis	France	Parallel Session	03-Jul	07:30-09:00	K2	Speaker
Asztely	Fredrik	Sweden	Teaching Course	03-Jul	07:30-11:00	A4	Chair
Baftiu	Arton	Norway	Platform Session	02-Jul	11:30-13:00	A2	Speaker
Bagary	Manny	United Kingdom	Platform Session	30-Jun	11:30-13:00	A4	Speaker
Baker	Gus	United Kingdom	Parallel Session	30-Jun	14:30-16:00	K11	Speaker
Baker	Gus	United Kingdom	Platform Session	01-Jul	11:30-13:00	K2	Chair
Balosso	Silvia	Italy	Platform Session	01-Jul	07:30-09:00	K11	Speaker
Barborica	Andrei	Romania	ECE Forum	03-Jul	07:30-09:00	K11	Speaker
Bartolini	Emanuele	Italy	Platform Session	30-Jun	11:30-13:00	K1	Speaker
Bartolomei	Fabrice	France	ECE Forum	03-Jul	07:30-09:00	K11	Speaker
Bartolomei	Fabrice	France	ECE Forum	03-Jul	09:30-11:00	K1	Speaker
Bassetti	Claudio	Switzerland	Special Symposium	02-Jul	14:30-16:00	A2	Speaker
Battino	Dina	Italy	Parallel Session	02-Jul	16:30-18:00	A4	Speaker
Baulac	Michel	France	Special Symposium	02-Jul	16:30-18:00	K1	Chair
Baulac	Michel	France	Special Symposium	02-Jul	16:30-18:00	K	Speaker
Baumgartner	Christoph	Austria	Parallel Session	30-Jun	14:30-16:00	K2	Speaker
Baumgartner	Christoph	Austria	Parallel Session	02-Jul	14:30-16:00	K11	Chair
Baumgartner	Christoph	Austria	ECE Forum	03-Jul	11:30-13:00	K11	Chair
Baumgartner	Christoph	Austria	ECE Forum	03-Jul	11:30-13:00	K11	Speaker
Baxendale	Sallie	United Kingdom	Parallel Session	02-Jul	11:30-13:00	A6	Speaker
Becker	Albert	Germany	Parallel Session	29-Jun	14:30-16:00	A4	Speaker
Becker	Albert	Germany	Parallel Session	01-Jul	11:30-13:00	A6	Speaker
Beghi	Ettore	Italy	Parallel Session	01-Jul	14:30-16:00	A6	Speaker
Beghi	Ettore	Italy	Platform Session	02-Jul	11:30-13:00	K2	Chair
Beniczky	Sándor	Denmark	Parallel Session	30-Jun	14:30-16:00	K2	Speaker
Beniczky	Sándor	Denmark	Parallel Session	02-Jul	14:30-16:00	A6	Speaker
Beniczky	Sándor	Denmark	Teaching Course	03-Jul	11:30-13:00	A4	Speaker
Ben-Menachem	Elinor	Sweden	Satellite Symposium	30-Jun	18:30-20:00	A2	Chair
Ben-Menachem	Elinor	Sweden	Main Session	02-Jul	09:00-11:00	K1	Chair
Ben-Menachem	Elinor	Sweden	Teaching Course	03-Jul	07:30-11:00	A4	Speaker
Ben-Menachem	Elinor	Sweden	Teaching Course	03-Jul	09:45-15:00	A2	Speaker
Ben-Menachem	Elinor	Sweden	ECE Debates / Controversy	03-Jul	13:30-14:30	K1	Chair
Benninger	Felix	Israel	Platform Session	30-Jun	11:30-13:00	K2	Speaker
Bernard	Christophe	France	Parallel Session	29-Jun	14:30-16:00	A4	Chair
Bernard	Christophe	France	Special Symposium	29-Jun	16:30-18:00	A2	Chair
Berry	David	United Kingdom	ECE Forum	02-Jul	07:30-09:00	K11	Chair
Berry	David	United Kingdom	ECE Forum	02-Jul	07:30-09:00	K11	Speaker
Bialer	Meir	Israel	Parallel Session	29-Jun	14:30-16:00	A2	Speaker

SURNAME	FIRST NAME	COUNTRY	SESSION TYPE	DATE	TIME	HALL	ROLE
Bialer	Meir	Israel	Chair Symposium	30-Jun	09:00-11:00	Victoria Hall	Chair
Bialer	Meir	Israel	Parallel Session	30-Jun	14:30-16:00	A4	Speaker
Bialer	Meir	Israel	Special Symposium	01-Jul	14:30-16:30	K1	Chair
Bialer	Meir	Israel	Teaching Course	03-Jul	09:45-15:00	A2	Speaker
Bien	Christian	Germany	Parallel Session	02-Jul	11:30-13:00	A6	Chair
Bien	Christian	Germany	Parallel Session	02-Jul	16:30-18:00	A2	Speaker
Bien	Christian	Germany	ECE Forum	03-Jul	13:30-15:00	K2	Speaker
Blümcke	Ingmar	Germany	Parallel Session	29-Jun	14:30-16:00	A4	Chair
Blümcke	Ingmar	Germany	Parallel Session	02-Jul	16:30-18:00	K11	Speaker
Blümcke	Ingmar	Germany	ECE Forum	03-Jul	09:30-11:00	K11	Speaker
Boon	Paul	Belgium	Platform Session	30-Jun	11:30-13:00	K11	Speaker
Boon	Paul	Belgium	Satellite Symposium	01-Jul	07:30-09:00	K2	Chair
Boon	Paul	Belgium	Satellite Symposium	01-Jul	07:30-09:00	K2	Speaker
Boon	Paul	Belgium	Parallel Session	02-Jul	11:30-13:00	A6	Speaker
Boon	Paul	Belgium	Special Symposium	02-Jul	14:30-16:00	A4	Chair
Boon	Paul	Belgium	Satellite Symposium	02-Jul	16:30-18:00	K2	Speaker
Boshuisen	Kim	Netherlands	Platform Session	30-Jul	07:30-09:00	K11	Speaker
Braun	Kees	Netherlands	Parallel Session	02-Jul	14:30-16:00	K1	Speaker
Braun	Kees	Netherlands	Parallel Session	02-Jul	16:30-18:00	A6	Chair
Brazdil	Milan	Czech Republic	Platform Session	01-Jul	11:30-13:00	A4	Chair
Brodie	Martin	United Kingdom	Parallel Session	29-Jun	14:30-16:00	A2	Speaker
Brodie	Martin	United Kingdom	Platform Session	30-Jun	11:30-13:00	A4	Chair
Brodie	Martin	United Kingdom	Platform Session	30-Jun	11:30-13:00	A4	Speaker
Brodie	Martin	United Kingdom	Satellite Symposium	30-Jun	16:30-18:00	A2	Speaker
Brodie	Martin	United Kingdom	Special Symposium	01-Jul	14:30-16:30	K1	Chair
Brodtkorb	Eylert	Norway	Teaching Course	03-Jul	07:30-11:00	A4	Speaker
Bröer	Sonja	Germany	Platform Session	03-Jul	13:30-15:00	A4	Speaker
Broich	Karl	Germany	Special Symposium	02-Jul	16:30-18:00	K1	Speaker
Bromley	Rebecca	United Kingdom	Platform Session	02-Jul	11:30-13:00	A2	Speaker
Bruna	Jordi	Spain	ECE Forum	03-Jul	11:30-13:00	K1	Speaker
Budisteanu	Magdalena	Romania	Platform Session	02-Jul	11:30-13:00	K1	Speaker
Burgess	Richard	USA	Satellite Symposium	02-Jul	16:30-18:00	K2	Speaker
Carlen	Peter	Canada	Special Symposium	02-Jul	14:30-16:00	A4	Chair
Carlen	Peter	Canada	Special Symposium	02-Jul	14:30-16:00	A4	Speaker
Carlen	Peter	Canada	ECE Forum	03-Jul	13:30-15:00	K16&17	Speaker
Catani	Marco	United Kingdom	Parallel Session	02-Jul	16:30-18:00	A6	Speaker
Cavalleri	Gianpiero	Ireland	ECE Forum	03-Jul	11:30-13:00	K16&17	Speaker
Cendes	Fernando	Brazil	Parallel Session	02-Jul	14:30-16:00	K2	Speaker
Chin	Richard	United Kingdom	Satellite Symposium	01-Jul	16:30-18:00	A2	Speaker
Christensen	Jakob	Denmark	Parallel Session	01-Jul	14:30-16:00	A6	Speaker
Chugh	Deepti	Sweden	Platform Session	03-Jul	13:30-15:00	A4	Speaker
Chung	Chun Kee	Korea, Republic of	Platform Session	30-Jun	11:30-13:00	K11	Speaker
Claus	Stevens	Netherlands	Parallel Session	02-Jul	14:30-16:00	A6	Speaker
Cock	Hannah	United Kingdom	Special Symposium	29-Jun	14:30-16:00	Victoria Hall	Speaker
Covanis	Athanasios	Greece	Special Symposium	29-Jun	14:30-16:00	Victoria Hall	Chair
Covanis	Athanasios	Greece	Special Symposium	29-Jun	14:30-16:00	Victoria Hall	Speaker
Covanis	Athanasios	Greece	Main Session	1-Jul	09:00-11:00	A2	Chair
Craiu	Dana	Romania	Parallel Session	29-Jun	14:30-16:00	A2	Chair
Craiu	Dana	Romania	Teaching Session	01Jul	07:30-09:00	A6	Speaker
Crepel	Valerie	France	Teaching Session	01-Jul	07:30-09:00	A4	Speaker
Cronberg	Tobias	Sweden	Platform Session	02-Jul	11:30-13:00	K11	Chair
Cronberg	Tobias	Sweden	ECE Debates / Controversy	03-Jul	13:30-14:30	K1	Speaker
Cross	Helen	United Kingdom	Parallel Session	29-Jun	16:30-18:00	K1&2	Chair

SURNAME	FIRST NAME	COUNTRY	SESSION TYPE	DATE	TIME	HALL	ROLE
Cross	Helen	United Kingdom	Special Symposium	01-Jul	14:30-16:00	A2	Chair
Cross	Helen	United Kingdom	Special Symposium	01-Jul	14:30-16:00	A2	Speaker
Cross	Helen	United Kingdom	Parallel Session	02-Jul	14:30-16:00	K2	Speaker
Cross	Helen	United Kingdom	ECE Forum	03-Jul	07:30-09:00	K1	Speaker
Cross	Helen	United Kingdom	Teaching Course	03-Jul	09:45-15:00	A2	Speaker
Curatolo	Paolo	Italy	Parallel Session	30-Jun	11:30-13:00	A2	Speaker
Dahlin	Maria	Sweden	Parallel Session	30-Jun	11:30-13:00	A2	Chair
Darra	Francesca	Italy	Platform Session	01-Jul	11:30-13:00	K11	Speaker
Datar	Sudhir	USA	Platform Session	02-Jul	11:30-13:00	K2	Speaker
David	Olivier	France	ECE Forum	03-Jul	07:30-09:00	K11	Speaker
de Curtis	Marco	Italy	Platform Session	02-Jul	11:30-13:00	A4	Chair
de Curtis	Marco	Italy	ECE Forum	03-Jul	07:30-09:00	K11	Chair
de Kovel	Carolien	Netherlands	Platform Session	30-Jun	11:30-13:00	A6	Speaker
De Liso	Paola	Italy	Platform Session	01-Jul	11:30-13:00	K11	Speaker
Dedeurwaerdere	Stefanie	Belgium	Parallel Session	01-Jul	11:30-13:00	A6	Speaker
Deisseroth	Karl	USA	Parallel Session	30-Jun	14:30-16:00	A6	Speaker
Del Felice	Alessandra	Italy	Platform Session	01-Jul	11:30-13:00	A4	Speaker
Delalande	Olivier	France	ECE Forum	03-Jul	07:30-09:00	K1	Speaker
Delanty	Norman	Ireland	Platform Session	30-Jun	11:30-13:00	A6	Chair
Delanty	Norman	Ireland	Parallel Session	30-Jun	14:30-16:00	A2	Chair
Depaulis	Antoine	France	Teaching Session	30-Jun	07:30-09:00	A4	Speaker
Dibbens	Leanne	Australia	Platform Session	30-Jun	11:30-13:00	A6	Speaker
Dimova	Petia	Bulgaria	Platform Session	01-Jul	11:30-13:00	K1	Chair
Dimova	Petia	Bulgaria	Teaching Session	02-Jul	07:30-09:00	A6	Speaker
Dimova	Petia	Bulgaria	Parallel Session	02-Jul	14:30-16:00	K2	Chair
Dinkelacker	Vera	France	Platform Session	01-Jul	11:30-13:00	K2	Speaker
Djémié	Tania	Belgium	Platform Session	02-Jul	11:30-13:00	K1	Speaker
Dobesberger	Judith	Austria	Parallel Session	02-Jul	14:30-16:00	A6	Speaker
Duncan	John	United Kingdom	Platform Session	30-Jun	11:30-13:00	K1	Chair
Duncan	Susan	United Kingdom	Platform Session	01-Jul	11:30-13:00	K2	Speaker
Duncan	John	United Kingdom	Main Session	02-Jul	09:00-11:00	A2	Speaker
Christine	Clementson	Sweden	Teaching Session	01-Jul	07:30-09:00	A4	Chair
Clementson	Christine	Sweden	Platform Session	03-Jul	13:30-15:00	A4	Chair
Eksioglu	Yaman	USA	Platform Session	02-Jul	07:30-09:00	K2	Speaker
Elger	Christian	Germany	Teaching Session	30-Jun	07:30-09:00	Victoria Hall	Chair
Elger	Christian	Germany	Teaching Session	30-Jun	07:30-09:00	Victoria Hall	Speaker
Elger	Christian	Germany	Parallel Session	30-Jun	14:30-16:00	A4	Speaker
Elger	Christian	Germany	Teaching Session	01-Jul	07:30-09:00	K1	Chair
Elger	Christian	Germany	Teaching Session	01-Jul	07:30-09:00	K1	Speaker
Elger	Christian	Germany	Teaching Session	02-Jul	07:30-09:00	K1	Chair
Elger	Christian	Germany	Teaching Session	02-Jul	07:30-09:00	K1	Speaker
Elger	Christian	Germany	Parallel Session	02-Jul	16:30-18:00	K11	Speaker
Enatsu	Rei	USA	Parallel Session	01-Jul	14:30-16:00	A4	Speaker
Eriksson	Sofia	United Kingdom	Special Symposium	02-Jul	14:30-16:00	A2	Chair
Eryigit	Tugba	Turkey	Platform Session	01-Jul	07:30-09:00	K11	Speaker
Evangelista	Elisa	France	Platform Session	01-Jul	11:30-13:00	A4	Speaker
Ferlisi	Monica	Italy	Platform Session	02-Jul	11:30-13:00	K11	Speaker
Ferrie	Colin	United Kingdom	Parallel Session	01-Jul	14:30-16:00	K2	Speaker
Fisch	Loraine	Switzerland	Platform Session	02-Jul	07:30-09:00	K2	Speaker
Flink	Roland	Sweden	Teaching Session	30-Jun	07:30-09:00	A2	Chair
Flink	Roland	Sweden	Teaching Session	01-Jul	07:30-09:00	A2	Chair
Flink	Roland	Sweden	Teaching Session	02-Jul	07:30-09:00	A2	Chair
Flink	Roland	Sweden	Parallel Session	02-Jul	14:30-16:00	K11	Chair

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Flink	Roland	Sweden	Teaching Course	03-Jul	11:30-13:00	A4	Chair
Focke	Niels	Germany	ECE Forum	03-Jul	13:30-15:00	K11	Speaker
Fogarasi	Andras	Hungary	Main Session	01-Jul	09:00-11:00	A2	Speaker
Fohlen	Martine	France	ECE Forum	03-Jul	07:30-09:00	K1	Speaker
Forsgren	Lars	Sweden	Parallel Session	29-Jun	14:30-16:00	A6	Chair
Forsgren	Lars	Sweden	Parallel Session	01-Jul	14:30-16:00	A6	Chair
Forsgren	Lars	Sweden	Platform Session	02-Jul	11:30-13:00	K2	Chair
Francione	Stefano	Italy	ECE Forum	03-Jul	07:30-09:00	K11	Speaker
Francione	Stefano	Italy	ECE Forum	03-Jul	09:30-11:00	K1	Speaker
Franz	David	USA	Platform Session	30-Jun	11:30-13:00	A4	Speaker
French	Jacqueline	USA	Platform Session	01-Jul	11:30-13:00	A2	Speaker
Friedman	Alon	Israel	Platform Session	30-Jun	11:30-13:00	K2	Chair
Friedman	Alon	Israel	Parallel Session	01-Jul	11:30-13:00	A6	Speaker
Fusco	Lucia	Italy	ECE Forum	03-Jul	13:30-15:00	K2	Speaker
Gaily	Eija	Finland	Platform Session	01-Jul	11:30-13:00	K11	Chair
Gaily	Eija	Finland	Parallel Session	02-Jul	16:30-18:00	A6	Chair
Genovesi	Sacha	Italy	Platform Session	02-Jul	11:30-13:00	A4	Speaker
Genton	Pierre	France	Parallel Session	29-Jun	14:30-16:00	K1&2	Speaker
Ghosh	Chaitali	USA	Platform Session	30-Jun	07:30-09:00	K11	Speaker
Gilliam	Frank	USA	Main Session	02-Jul	09:00-11:00	K15	Speaker
Gilliam	Frank	USA	Parallel Session	03-Jul	07:30-09:00	K2	Chair
Giovagnoli	Anna Rita	Italy	Platform Session	01-Jul	11:30-13:00	K2	Speaker
Gjerstad	Leif	Norway	Parallel Session	02-Jul	14:30-16:00	K1	Chair
Gnatkovsky	Vadym	Italy	ECE Forum	03-Jul	07:30-09:00	K11	Speaker
Golovtsev	Alexander	Russian Federation	Platform Session	01-Jul	11:30-13:00	K1	Speaker
Gorter	Jan	Netherlands	ECE Forum	03-Jul	11:30-13:00	K16&7	Speaker
Gotman	Jean	Canada	Platform Session	01-Jul	11:30-13:00	A4	Chair
Gotman	Jean	Canada	Parallel Session	02-Jul	16:30-18:00	K11	Speaker
Gotman	Jean	Canada	ECE Forum	03-Jul	09:30-11:00	K16&7	Speaker
Grade	Madeline	United Kingdom	Platform Session	30-Jun	11:30-13:00	K1	Speaker
Granata	Tiziana	Italy	ECE Forum	03-Jul	13:30-15:00	K2	Chair
Granata	Tiziana	Italy	ECE Forum	03-Jul	13:30-15:00	K2	Speaker
Gröhn	Olli	Finland	ECE Forum	03-Jul	09:30-11:00	K12	Speaker
Guekht	Alla	Russian Federation	Parallel Session	29-Jun	14:30-16:00	A6	Speaker
Guekht	Alla	Russian Federation	Parallel Session	03-Jul	07:30-09:00	K2	Chair
Guerrini	Renzo	Italy	Parallel Session	30-Jun	11:30-13:00	A2	Chair
Guerrini	Renzo	Italy	ECE Debates / Controversy	03-Jul	11:30-12:30	K2	Speaker
Guerrini	Renzo	Italy	ECE Forum	03-Jul	13:30-15:00	K12	Chair
Gulyaeva	Natalia	Russian Federation	Parallel Session	01-Jul	11:30-13:00	A6	Chair
Haas	Manuel	United Kingdom	Special Symposium	02-Jul	16:30-18:00	K1	Chair
Haldre	Sulev	Estonia	Parallel Session	29-Jun	14:30-16:00	K1 & 2	Chair
Hallböök	Tove	Sweden	Parallel Session	30-Jun	11:30-13:00	A2	Speaker
Häussler	Ute	Germany	Platform Session	03-Jul	13:30-15:00	A4	Speaker
Heales	Simon	United Kingdom	Parallel Session	30-Jun	11:30-13:00	A2	Speaker
Hecimovic	Hrvoje	Croatia	Parallel Session	29-Jun	14:30-16:00	K11	Chair
Hecimovic	Hrvoje	Croatia	Teaching Session	02-Jul	07:30-09:00	A6	Speaker
Heck	Christianne	USA	Satellite Symposium	01-Jul	18:00-19:30	K2	Chair
Heck	Christianne	USA	Satellite Symposium	01-Jul	18:00-19:30	K2	Speaker
Helmstaedter	Christoph	Germany	Satellite Symposium	30-Jun	18:30-20:00	A2	Speaker
Helmstaedter	Christoph	Germany	Parallel Session	02-Jul	14:30-16:00	K1	Speaker
Hennekam	Raoul	Netherlands	Parallel Session	29-Jun	14:30-16:00	A6	Speaker
Henshall	David	Ireland	Main Session	01-Jul	09:00-11:00	K1	Speaker
Henshall	David	Ireland	ECE Forum	03-Jul	11:30-13:00	K16&17	Chair
Henshall	David	Ireland	ECE Forum	03-Jul	11:30-13:00	K16&17	Speaker

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Hesdorffer	Dale C.	USA	Parallel Session	29-Jun	14:30-16:00	A6	Chair
Hesdorffer	Dale C.	USA	Teaching Session	30-Jun	07:30-09:00	A6	Chair
Hesdorffer	Dale C.	USA	Parallel Session	01-Jul	14:30-16:00	A6	Speaker
Heuser	Kjell	Norway	Parallel Session	01-Jul	14:30-16:00	K11	Speaker
Hirsch	Edouard	France	Special Symposium	01-Jul	14:30-16:00	A2	Speaker
Hirsch	Edouard	France	ECE Debates / Controversy	03-Jul	11:30-12:30	K2	Chair
Holthausen	Johann	Germany	ECE Forum	03-Jul	07:30-09:00	K1	Speaker
Holtkamp	Martin	Germany	Parallel Session	01-Jul	14:30-16:00	K2	Speaker
Hoppe	christian	Germany	Parallel Session	30-Jun	14:30-16:00	K2	Speaker
Huguenard	John	USA	Parallel Session	30-Jun	14:30-16:00	A6	Speaker
Huguenard	John	USA	Platform Session	01-Jul	07:30-09:00	K11	Chair
Iffland II	Phil	USA	Platform Session	30-Jun	11:30-13:00	K2	Speaker
Ilvento	Lucrezia	Italy	Platform Session	02-Jul	11:30-13:00	K11	Speaker
Immonen	Arto	Finland	Platform Session	01-Jul	11:30-13:00	K1	Chair
Immonen	Arto	Finland	Main Session	02-Jul	09:00-11:00	A2	Speaker
Isbrandt	Dirk	Germany	Special Symposium	29-Jun	16:30-18:00	A2	Speaker
Jacobs	Julia	Germany	Parallel Session	02-Jul	14:30-16:00	K11	Speaker
Jacoby	Ann	United Kingdom	Chair Symposium	30-Jun	09:00-11:00	Victoria Hall	Speaker
Janigro	Damir	USA	Platform Session	30-Jun	11:30-13:00	K2	Speaker
Janigro	Damir	USA	ECE Forum	03-Jul	09:30-11:00	K12	Speaker
Janigro	Damir	USA	ECE Forum	03-Jul	13:30-15:00	K2	Speaker
Jansen	Floor E.	Netherlands	Platform Session	02-Jul	11:30-13:00	K1	Chair
Jansen	Floor E.	Netherlands	Parallel Session	02-Jul	14:30-16:00	K2	Speaker
Job	Anne Sophie	France	ECE Forum	03-Jul	07:30-09:00	K11	Speaker
Johannessen	Svein I.	Norway	Platform Session	30-Jun	11:30-13:00	A4	Chair
Johannessen	Svein I.	Norway	Parallel Session	30-Jun	14:30-16:00	A4	Chair
Johannessen	Svein I.	Norway	ECE Forum	02-Jul	07:30-09:00	K11	Speaker
Johannessen	Svein I.	Norway	Teaching Course	03-Jul	08:00-09:45	A2	Chair
Johannessen	Svein I.	Norway	Teaching Course	03-Jul	09:45-15:00	A2	Chair
Johannessen Landmark	Cecilie	Norway	Platform Session	01-Jul	11:30-13:00	A2	Chair
Johannessen Landmark	Cecilie	Norway	Teaching Course	03-Jul	08:00-09:45	A2	Speaker
Jokeit	Henric	Switzerland	Parallel Session	29-Jun	14:30-16:00	K11	Speaker
Jozwiak	Sergiusz	Poland	Parallel Session	30-Jun	11:30-13:00	A2	Speaker
Kadam	Shilpa	USA	Platform Session	02-Jul	11:30-13:00	A4	Speaker
Kahane	Philippe	France	Platform Session	01-Jul	11:30-13:00	K1	Speaker
Kahane	Philippe	France	Main Session	02-Jul	09:00-11:00	A2	Chair
Kahane	Philippe	France	Special Symposium	02-Jul	14:30-16:00	A2	Speaker
Källén	Kristina	Sweden	Teaching Session	30-Jun	07:30-09:00	A2	Chair
Källén	Kristina	Sweden	Teaching Session	01-Jul	07:30-09:00	A2	Chair
Källén	Kristina	Sweden	Teaching Session	02-Jul	07:30-09:00	A2	Chair
Källén	Kristina	Sweden	Parallel Session	02-Jul	14:30-16:00	A6	Chair
Källén	Kristina	Sweden	ECE Forum	03-Jul	07:30-09:00	K1	Speaker
Kälviäinen	Reetta	Finland	Parallel Session	29-Jun	14:30-16:00	K1&2	Speaker
Kälviäinen	Reetta	Finland	Main Session	02-Jul	09:00-11:00	A2	Chair
Kälviäinen	Reetta	Finland	Highlights Session	03-Jul	15:00-16:30	A2	Speaker
Kaminski	Rafal	Belgium	ECE Forum	03-Jul	09:30-11:00	K11	Speaker
Trenité	Dorothee	Italy	Parallel Session	30-Jun	14:30-16:00	A4	Chair
Keller	Simon	United Kingdom	Platform Session	30-Jun	11:30-13:00	K1	Speaker
Kerkhof	Melissa	Netherlands	ECE Forum	03-Jul	11:30-13:00	K1	Speaker
Kerr	Mike	United Kingdom	Teaching Course	03-Jul	07:30-11:00	A4	Speaker
Kilias	Antje	Germany	Platform Session	03-Jul	13:30-15:00	A4	Speaker
Kimiskidis	Vasilios	Greece	Parallel Session	01-Jul	14:30-16:00	A4	Speaker
Kimiskidis	Vasilios	Greece	Platform Session	02-Jul	11:30-13:00	A2	Chair

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Kistsen	Volha	Belarus	Platform Session	02-Jul	11:30-13:00	A2	Speaker
Kobow	Katja	Germany	Parallel Session	29-Jun	14:30-16:00	A4	Speaker
Koepp	Matthias J.	United Kingdom	Parallel Session	02-Jul	14:30-16:00	K11	Speaker
Koepp	Matthias J.	United Kingdom	Parallel Session	02-Jul	16:30-18:00	K11	Speaker
Koepp	Matthias J.	United Kingdom	ECE Forum	03-Jul	09:30-11:00	K16&17	Speaker
Köhling	Rüdiger	Germany	Parallel Session	30-Jun	14:30-16:00	A6	Chair
Kokaia	Merab	Sweden	Parallel Session	30-Jun	14:30-16:00	A6	Speaker
Kokaia	Merab	Sweden	Main Session	01-Jul	09:00-11:00	K1	Chair
Kokaia	Merab	Sweden	Parallel Session	03-Jul	07:30-09:00	K2	Speaker
Kokaia	Merab	Sweden	Highlights Session	03-Jul	15:00-16:30	A2	Speaker
Kolbjer	Sintija	Sweden	Platform Session	30-Jun	11:30-13:00	A6	Speaker
Korff	christian	Switzerland	Special Symposium	01-Jul	14:30-16:00	A2	Speaker
Kovac	Stjepana	United Kingdom	Teaching Session	02-Jul	07:30-09:00	A4	Speaker
Kramer	Günter	Switzerland	Parallel Session	29-Jun	14:30-16:00	A2	Chair
Kravljanac	Ruzica	Serbia	Platform Session	02-Jul	11:30-13:00	K11	Speaker
Kristiansen	Karin	Denmark	Teaching Course	03-Jul	11:30-13:00	A4	Speaker
Kržan	Mat evž	Slovenia	ECE Forum	03-Jul	07:30-09:00	K1	Speaker
Kullmann	Dimitri	United Kingdom	Parallel Session	30-Jun	14:30-16:00	A6	Chair
Kullmann	Dimitri	United Kingdom	Main Session	01-Jul	09:00-11:00	K1	Speaker
Kumlien	Eva	Sweden	Parallel Session	02-Jul	16:30-18:00	A2	Chair
Kumlien	Eva	Sweden	Teaching Course	03-Jul	07:30-11:00	A4	Chair
Kunz	Wolfram S.	Germany	Teaching Session	02-Jul	07:30-09:00	A4	Speaker
Lagae	Lieven	Belgium	Satellite Symposium	01-Jul	16:30-18:00	A2	Chair
Lagae	Lieven	Belgium	Satellite Symposium	01-Jul	16:30-18:00	A2	Speaker
Landgrave-Gómez	Jorge	Mexico	Platform Session	01-Jul	07:30-09:00	K11	Speaker
Larsen	Jan	Denmark	Platform Session	01-Jul	11:30-13:00	K11	Speaker
Lee	Phil	United Kingdom	Special Symposium	29-Jun	14:30-16:00	Victoria Hall	Speaker
Lehesjoki	Anna-Elina	Finland	Parallel Session	29-Jun	14:30-16:00	K1 & 2	Speaker
Lehesjoki	Anna-Elina	Finland	Parallel Session	30-Jun	14:30-16:00	A2	Chair
Lehtimäki	Kai	Finland	Platform Session	30-Jun	11:30-13:00	K11	Speaker
Leijten	Frans	Netherlands	ECE Forum	03-Jul	07:30-09:00	K16&17	Speaker
Leijten	Frans	Netherlands	ECE Forum	03-Jul	11:30-13:00	K11	Speaker
Lemke	Johannes	Denmark	Platform Session	30-Jun	11:30-13:00	A6	Speaker
Lemke	Johannes	Denmark	ECE Forum	03-Jul	13:30-15:00	K12	Speaker
Lerche	Holger	Germany	Parallel Session	30-Jun	14:30-16:00	A2	Speaker
Lerche	Holger	Germany	ECE Forum	03-Jul	09:30-11:00	K11	Speaker
Levite	Mia	Israel	Parallel Session	02-Jul	16:30-18:00	A2	Speaker
Librizzi	Laura	Italy	ECE Forum	03-Jul	09:30-11:00	K12	Speaker
Licchetta	Laura	Italy	Platform Session	02-Jul	11:30-13:00	K1	Speaker
Lindhout	Dick	Netherlands	Parallel Session	02-Jul	16:30-18:00	A4	Speaker
Linklater	Anthony	United Kingdom	Teaching Course	03-Jul	07:30-11:00	A4	Speaker
Lorber	Bodgan	Slovenia	Teaching Session	01-Jul	07:30-09:00	A6	Speaker
Löscher	Wolfgang	Germany	Teaching Session	30-Jun	07:30-09:00	A4	Chair
Löscher	Wolfgang	Germany	Parallel Session	30-Jun	14:30-16:00	A4	Speaker
Löscher	Wolfgang	Germany	Platform Session	01-Jul	11:30-13:00	A2	Chair
Löscher	Wolfgang	Germany	Special Symposium	01-Jul	14:30-16:30	K1	Speaker
Löscher	Wolfgang	Germany	Teaching Course	03-Jul	08:00-09:45	A2	Speaker
Lossius	Morten I.	Norway	Parallel Session	02-Jul	14:30-16:00	K1	Speaker
Lossius	Morten I.	Norway	Teaching Course	03-Jul	09:45-15:00	A2	Speaker
Lotte	Jan	Germany	Platform Session	30-Jun	07:30-09:00	K11	Speaker
Lukasiuk	Katarzyna	Poland	Parallel Session	29-Jun	14:30-16:00	A4	Speaker
Lukic	Stevo	Serbia	Platform Session	30-Jun	11:30-13:00	K11	Chair
Lukic	Stevo	Serbia	Parallel Session	30-Jun	14:30-16:00	K2	Chair
Maestro Saiz	Irache	Spain	Platform Session	01-Jul	11:30-13:00	A4	Speaker
Maliia	Mihai Dragos	Romania	Platform Session	01-Jul	11:30-13:00	A4	Speaker



SURNAME	FIRST NAME	COUNTRY	SESSION TYPE	DATE	TIME	HALL	ROLE
Malikova	Hana	Czech Republic	ECE Forum	03-Jul	09:30-11:00	K1	Speaker
Malmgren	Kristina	Sweden	Chair Symposium	30-Jun	09:00-11:00	Victoria Hall	Chair
Malmgren	Kristina	Sweden	Main Session	02-Jul	09:00-11:00	A2	Speaker
Malmgren	Kristina	Sweden	Highlights Session	03-Jul	15:00-16:30	A2	Chair
Mameniškienė	Ruta	Lithuania	Parallel Session	29-Jun	14:30-16:00	K1 & 2	Chair
Mameniškienė	Ruta	Lithuania	Teaching Session	01-Jul	07:30-09:00	A6	Speaker
Manni	Raffaele	Italy	Special Symposium	02-Jul	14:30-16:00	A2	Speaker
Mantegazza	Massimo	France	Special Symposium	29-Jun	16:30-18:00	A2	Speaker
Marchi	Nicola	USA	ECE Forum	03-Jul	09:30-11:00	K12	Chair
Marchi	Nicola	USA	ECE Forum	03-Jul	09:30-11:00	K12	Speaker
Mares	Pavel	Czech Republic	Platform Session	02-Jul	11:30-13:00	A4	Speaker
Marini	Carla	Italy	Special Symposium	01-Jul	14:30-16:00	A2	Speaker
Marini	Carla	Italy	ECE Forum	03-Jul	13:30-15:00	K12	Speaker
Marson	Tony	United Kingdom	ECE Forum	02-Jul	07:30-09:00	K11	Speaker
Marson	Tony	United Kingdom	Parallel Session	02-Jul	14:30-16:00	K1	Speaker
Marson	Tony	United Kingdom	ECE Forum	03-Jul	09:30-11:00	K11	Speaker
Marusic	Petr	Czech Republic	Parallel Session	29-Jun	14:30-16:00	K11	Chair
Marusic	Petr	Czech Republic	Platform Session	30-Jun	11:30-13:00	K1	Chair
Marusic	Petr	Czech Republic	Teaching Session	02-Jul	07:30-09:00	A6	Chair
Mathern	Gary	USA	Parallel Session	29-Jun	16:30-18:00	K1 & 2	Speaker
Mattsson	Peter	Sweden	Parallel Session	29-Jun	14:30-16:00	K1 & 2	Speaker
McEvoy	Andrew	United Kingdom	Platform Session	30-Jun	11:30-13:00	K11	Chair
McEvoy	Andrew	United Kingdom	Parallel Session	02-Jul	14:30-16:00	A6	Speaker
McGinnity	Colm	United Kingdom	Platform Session	01-Jul	11:30-13:00	K11	Speaker
McLachlan	Richard S.	Canada	Special Symposium	02-Jul	14:30-16:00	A4	Speaker
Meekes	Joost	Netherlands	Platform Session	01-Jul	11:30-13:00	K2	Speaker
Meletti	Stefano	Italy	Parallel Session	29-Jun	14:30-16:00	K11	Speaker
Mendes	Amelia	Portugal	Platform Session	02-Jul	11:30-13:00	K11	Speaker
Mercado-Gómez	Octavio	Mexico	Platform Session	02-Jul	11:30-13:00	A4	Speaker
Michel	Christoph	Switzerland	ECE Forum	03-Jul	09:30-11:00	K16 & 17	Speaker
Milesi	Sebastien	France	Platform Session	01-Jul	07:30-09:00	K11	Speaker
Milian	Monika	Germany	Platform Session	30-Jun	11:30-13:00	K11	Speaker
Mindruta	Ioana	Romania	Teaching Session	02-Jul	07:30-09:00	A6	Speaker
Mindruta	Ioana	Romania	ECE Forum	03-Jul	07:30-09:00	K11	Speaker
Mintzer	Scott	USA	Satellite Symposium	30-Jun	18:30-20:00	A2	Speaker
Mirza	Nasir	United Kingdom	Platform Session	30-Jun	11:30-13:00	A6	Speaker
Miszczuk	Diana	Poland	Platform Session	30-Jun	11:30-13:00	K2	Speaker
Moeller	Friederike	Germany	Parallel Session	02-Jul	14:30-16:00	K11	Speaker
Monti	Giulia	Italy	Platform Session	01-Jul	11:30-13:00	K2	Speaker
Moshé	Solomon L.	USA	Parallel Session	29-Jun	16:30-18:00	K1 & 2	Chair
Moshé	Solomon L.	USA	Parallel Session	01-Jul	14:30-16:00	K2	Chair
Mühlebner	Angelika	Austria	Platform Session	30-Jun	11:30-13:00	K11	Speaker
Nabbout	Rima	France	Parallel Session	30-Jun	14:30-16:00	A2	Speaker
Nabbout	Rima	France	Satellite Symposium	01-Jul	16:30-18:00	A2	Speaker
Nabbout	Rima	France	ECE Forum	03-Jul	13:30-15:00	K2	Speaker
Nashef	Lina	United Kingdom	Parallel Session	30-Jun	14:30-16:00	K1	Speaker
Nashef	Lina	United Kingdom	Satellite Symposium	01-Jul	18:00-19:30	K2	Speaker
Nashef	Lina	United Kingdom	Parallel Session	02-Jul	16:30-18:00	A4	Speaker
Nehlig	Astrid	France	Teaching Session	30-Jun	07:30-09:00	A4	Speaker
Nehlig	Astrid	France	Chair Symposium	30-Jun	09:00-11:00	Victoria Hall	Speaker
Nehlig	Astrid	France	Platform Session	01-Jul	07:30-09:00	K11	Chair
Nehlig	Astrid	France	Parallel Session	01-Jul	14:30-16:00	K11	Speaker
Nehlig	Astrid	France	Parallel Session	03-Jul	07:30-09:00	K2	Speaker
Neligan	Aidan	United Kingdom	Parallel Session	01-Jul	14:30-16:00	A6	Speaker
Neligan	Aidan	United Kingdom	Platform Session	02-Jul	11:30-13:00	K11	Chair

SURNAME	FIRST NAME	COUNTRY	SESSION TYPE	DATE	TIME	HALL	ROLE
Neligan	Aidan	United Kingdom	Teaching Course	03-Jul	09:45-15:00	A2	Speaker
Neufeld	Miri	Israel	Parallel Session	30-Jun	14:30-16:00	K1	Chair
Neufeld	Miri	Israel	Parallel Session	02-Jul	14:30-16:00	K1	Chair
Nevalainen	Olli	Finland	Platform Session	02-Jul	11:30-13:00	K2	Speaker
Nguyen Anh	Tuan	Vietnam	Platform Session	02-Jul	11:30-13:00	K2	Speaker
Nibber	Anjan	United Kingdom	Platform Session	30-Jun	11:30-13:00	K2	Speaker
Nikanorova	Marina	Denmark	Satellite Symposium	30-Jun	16:30-18:00	A2	Speaker
Nilsson	Lena	Sweden	Parallel Session	30-Jun	14:30-16:00	K11	Speaker
Nobili	Lino	Italy	Special Symposium	02-Jul	14:30-16:00	A2	Chair
Noebels	Jeff	USA	Special Symposium	29-Jun	16:30-18:00	A2	Chair
Noebels	Jeff	USA	Parallel Session	30-Jun	14:30-16:00	K1	Speaker
Nowell	Mark	United Kingdom	Platform Session	01-Jul	11:30-13:00	K1	Speaker
O'Brien	Terence	Australia	Platform Session	01-Jul	11:30-13:00	A2	Speaker
Olsson	Ingrid	Sweden	Parallel Session	02-Jul	16:30-18:00	A6	Speaker
Onat	Filiz	Turkey	Parallel Session	01-Jul	14:30-16:00	K11	Speaker
Özkara	Çigdem	Turkey	Parallel Session	02-Jul	11:30-13:00	A6	Chair
Paglioli	Eliseu	Brazil	ECE Forum	03-Jul	07:30-09:00	K16 & 17	Speaker
Patsalos	Philip	United Kingdom	Platform Session	30-Jun	11:30-13:00	A4	Speaker
Patsalos	Philip	United Kingdom	Teaching Course	03-Jul	08:00-09:45	A2	Speaker
Pawley	Adam	United Kingdom	Satellite Symposium	01-Jul	18:00-19:30	K2	Speaker
Peltola	Maria	Finland	Parallel Session	01-Jul	14:30-16:00	K2	Speaker
Peltola	Jukka	Finland	Parallel Session	02-Jul	16:30-18:00	A2	Chair
Peltola	Jukka	Finland	ECE Forum	03-Jul	09:30-11:00	K11	Speaker
Perucca	Emilio	Italy	Parallel Session	29-Jun	16:30-18:00	K1 & 2	Speaker
Perucca	Emilio	Italy	Symposium	30-Jun	09:00-11:00	Victoria Hall	Speaker
Perucca	Emilio	Italy	Special Symposium	02-Jul	16:30-18:00	K1	Speaker
Perucca	Piero	Australia	Teaching Course	03-Jul	09:45-15:00	A2	Speaker
Pfäfflin	Margarete	Germany	Parallel Session	30-Jun	14:30-16:00	K11	Speaker
Pfäfflin	Margarete	Germany	Teaching Course	03-Jul	07:30-11:00	A4	Speaker
Pickrell	William	United Kingdom	Platform Session	02-Jul	11:30-13:00	A2	Speaker
Pietrafusa	Nicola	Italy	Platform Session	02-Jul	11:30-13:00	K2	Speaker
Pitkänen	Asla	Finland	Teaching Session	30-Jun	07:30-09:00	A4	Speaker
Pitkänen	Asla	Finland	Parallel Session	01-Jul	11:30-13:00	A6	Speaker
Pitkänen	Asla	Finland	Main Session	02-Jul	09:00-11:00	K1	Speaker
Pittau	Francesca	Switzerland	Platform Session	02-Jul	07:30-09:00	K2	Speaker
Potschka	Heidrun	Germany	Platform Session	02-Jul	11:30-13:00	A4	Speaker
Rabinstein	Alejandro	USA	ECE Forum	03-Jul	09:30-11:00	K2	Chair
Rabinstein	Alejandro	USA	ECE Forum	03-Jul	09:30-11:00	K2	Speaker
Rahman	Shamima	Sweden	Teaching Session	02-Jul	07:30-09:00	A4	Speaker
Raijmakers	Marjolein	Belgium	Platform Session	03-Jul	13:30-15:00	A4	Speaker
Ramos-Moreno	Tania	Sweden	Platform Session	02-Jul	07:30-09:00	K2	Speaker
Rampp	Stefan	Germany	Satellite Symposium	02-Jul	16:30-18:00	K2	Speaker
Rassendren	Francois	France	ECE Forum	03-Jul	09:30-11:00	K12	Speaker
Ravizza	Teresa	Italy	Special Symposium	01-Jul	14:30-16:30	K1	Speaker
Ravnik	Igor	Slovenia	ECE Forum	03-Jul	07:30-09:00	K1	Chair
Ravnik	Igor	Slovenia	ECE Forum	03-Jul	07:30-09:00	K1	Speaker
Reinholdson	Jesper	Sweden	Platform Session	01-Jul	11:30-13:00	K1	Speaker
Rektor	Ivan	Czech Republic	ECE Forum	03-Jul	09:30-11:00	K16 & 17	Chair
Rektor	Ivan	Czech Republic	ECE Forum	03-Jul	09:30-11:00	K16 & 17	Speaker
Represa	Alfonso	France	Special Symposium	29-Jun	16:30-18:00	A2	Speaker
Represa	Alfonso	France	Platform Session	02-Jul	11:30-13:00	A4	Chair
Represa	Alfonso	France	ECE Forum	03-Jul	13:30-15:00	K12	Speaker
Ridsdale	Leone	United Kingdom	Parallel Session	30-Jun	14:30-16:00	K1	Speaker
Rohracher	Alexandra	Austria	Platform Session	30-Jun	11:30-13:00	A4	Speaker
Rosati	Anna	Italy	ECE Forum	03-Jul	11:30-13:00	K1	Speaker
Rosenow	Felix	Denmark	ECE Forum	03-Jul	11:30-13:00	K16 & 17	Speaker

SURNAME	FIRST NAME	COUNTRY	SESSION TYPE	DATE	TIME	HALL	ROLE
Roseti	Cristina	Italy	Special Symposium	01-Jul	14:30-16:30	K1	Speaker
Rossetti	Andrea	Switzerland	Parallel Session	30-Jun	14:30-16:00	K2	Chair
Rossetti	Andrea	Switzerland	ECE Forum	03-Jul	09:30-11:00	K2	Speaker
Rossetti	Andrea	Switzerland	ECE Debates / Controversy	03-Jul	13:30-14:30	K1	Speaker
Rubboli	Guido	Denmark	Parallel Session	30-Jun	14:30-16:00	K2	Speaker
Rubboli	Guido	Denmark	Parallel Session	02-Jul	14:30-16:00	A6	Chair
Rugg-Gunn	Fergus	United Kingdom	Satellite Symposium	30-Jun	18:30-20:00	A2	Speaker
Russo	Emilio	Italy	Special Symposium	29-Jun	16:30-18:00	A2	Speaker
Rydenhag	Bertil	Sweden	Platform Session	01-Jul	11:30-13:00	K1	Speaker
Rydenhag	Bertil	Sweden	Parallel Session	02-Jul	11:30-13:00	A6	Speaker
Rydenhag	Bertil	Sweden	Parallel Session	02-Jul	16:30-18:00	A6	Speaker
Ryvlin	Philippe	France	Special Symposium	29-Jun	14:30-16:00	Victoria Hall	Chair
Ryvlin	Philippe	France	Parallel Session	30-Jun	14:30-16:00	K1	Speaker
Ryvlin	Philippe	France	Satellite Symposium	01-Jul	07:30-09:00	K2	Speaker
Ryvlin	Philippe	France	Main Session	02-Jul	09:00-11:00	K1	Chair
Ryvlin	Philippe	France	ECE Forum	03-Jul	07:30-09:00	K1	Speaker
Ryvlin	Philippe	France	Highlights Session	03-Jul	15:00-16:30	A2	Speaker
Sabers	Anne	Denmark	Parallel Session	30-Jun	14:30-16:00	K11	Chair
Sabers	Anne	Denmark	Parallel Session	02-Jul	16:30-18:00	A4	Chair
Sabesan	Shivkumar	USA	Satellite Symposium	01-Jul	07:30-09:00	K2	Speaker
Sander	Ley	United Kingdom	Parallel Session	29-Jun	14:30-16:00	A6	Speaker
Sander	Ley	United Kingdom	Teaching Session	30-Jun	07:30-09:00	A6	Chair
Sander	Ley	United Kingdom	Parallel Session	01-Jul	14:30-16:00	A6	Chair
Sander	Ley	United Kingdom	ECE Forum	03-Jul	13:30-15:00	K16 & 17	Chair
Sander	Ley	United Kingdom	ECE Forum	03-Jul	13:30-15:00	K16 & 17	Speaker
Santamarina	Estevo	Spain	Platform Session	02-Jul	11:30-13:00	K11	Speaker
Scheffer	Ingrid	Australia	Parallel Session	29-Jun	16:30-18:00	K1 & 2	Speaker
Scheffer	Ingrid	Australia	Parallel Session	30-Jun	14:30-16:00	A2	Speaker
Scheffer	Ingrid	Australia	Main Session	01-Jul	09:00-11:00	A2	Speaker
Schindler	Kaspar	Spain	ECE Forum	03-Jul	07:30-09:00	K11	Speaker
Schmidt	Dieter	Germany	Teaching Session	30-Jun	07:30-09:00	Victoria Hall	Chair
Schmidt	Dieter	Germany	Teaching Session	30-Jun	07:30-09:00	Victoria Hall	Speaker
Schmidt	Dieter	Germany	Teaching Session	01-Jul	07:30-09:00	K1	Chair
Schmidt	Dieter	Germany	Teaching Session	01-Jul	07:30-09:00	K1	Speaker
Schmidt	Dieter	Germany	Teaching Session	02-Jul	07:30-09:00	K1	Chair
Schmidt	Dieter	Germany	Teaching Session	02-Jul	07:30-09:00	K1	Speaker
Schmidt	Bernd	Germany	Platform Session	02-Jul	11:30-13:00	A2	Chair
Schmidt	Bernd	Germany	Teaching Course	03-Jul	09:45-15:00	A2	Speaker
Schoeler	Natasha	United Kingdom	Platform Session	02-Jul	11:30-13:00	K1	Speaker
Scholly	Julia	France	Platform Session	01-Jul	11:30-13:00	A4	Speaker
Schulze-Bonhage	Andreas	Germany	Special Symposium	02-Jul	14:30-16:00	A4	Speaker
Schulze-Bonhage	Andreas	Germany	ECE Forum	03-Jul	11:30-13:00	K11	Speaker
Schwind	Josefine	Germany	Platform Session	01-Jul	11:30-13:00	A4	Speaker
Seeck	Margitta	Switzerland	Parallel Session	02-Jul	14:30-16:00	K11	Speaker
Semah	Franck	France	Platform Session	02-Jul	07:30-09:00	K2	Speaker
Serratos	José M.	Spain	Platform Session	30-Jun	11:30-13:00	A6	Chair
Serratos	José M.	Spain	Satellite Symposium	01-Jul	18:00-19:30	K2	Speaker
Serratos	José M.	Spain	Parallel Session	02-Jul	14:30-16:00	K2	Chair
Shekh-Ahmad	Tawfeeq	Israel	Platform Session	01-Jul	11:30-13:00	A2	Speaker
Shorvon	Simon	United Kingdom	Parallel Session	29-Jun	14:30-16:00	A2	Speaker
Shorvon	Simon	United Kingdom	Chair Symposium	30-Jun	09:00-11:00	Victoria Hall	Speaker
Shorvon	Simon	United Kingdom	Parallel Session	02-Jul	11:30-13:00	A6	Speaker
Sills	Graeme	United Kingdom	Platform Session	02-Jul	07:30-09:00	K2	Chair
Sills	Graeme	United Kingdom	Teaching Course	03-Jul	08:00-09:45	A2	Speaker
Sills	Graeme	United Kingdom	ECE Forum	03-Jul	09:30-11:00	K11	Chair
Simola	Mikko	Finland	Platform Session	02-Jul	11:30-13:00	K2	Speaker

SURNAME	FIRST NAME	COUNTRY	SESSION TYPE	DATE	TIME	HALL	ROLE
Simonato	Michele	Italy	Platform Session	30-Jun	11:30-13:00	K2	Chair
Simonato	Michele	Italy	Main Session	01-Jul	09:00-11:00	K1	Speaker
Sisodiya	Sanjay	United Kingdom	Parallel Session	29-Jun	14:30-16:00	A6	Speaker
Sisodiya	Sanjay	United Kingdom	Parallel Session	30-Jun	14:30-16:00	A2	Speaker
Sisodiya	Sanjay	United Kingdom	ECE Forum	03-Jul	11:30-13:00	K16 & 17	Speaker
Skaarup	christian	Denmark	Teaching Course	03-Jul	11:30-13:00	A4	Speaker
Slaght	Sean	United Kingdom	Satellite Symposium	01-Jul	18:00-19:30	K2	Speaker
Smith	Mary Lou	Canada	Parallel Session	29-Jun	14:30-16:00	K11	Speaker
Smith	Mary Lou	Canada	Platform Session	01-Jul	11:30-13:00	K2	Chair
Smits	Anja	Sweden	ECE Forum	03-Jul	11:30-13:00	K1	Speaker
Soares	Ricardo	France	Platform Session	30-Jun	07:30-09:00	K11	Speaker
Specchio	Nicola	Italy	Parallel Session	01-Jul	14:30-16:00	K2	Speaker
Specht	Ulrich	Germany	Parallel Session	30-Jun	14:30-16:00	K11	Speaker
Sperk	Günther	Austria	Parallel Session	29-Jun	14:30-16:00	A4	Speaker
Srikanth	Racharla	India	Platform Session	30-Jun	07:30-09:00	K11	Speaker
Stefan	Hermann	Germany	Special Symposium	02-Jul	14:30-16:00	A4	Speaker
Stefan	Hermann	Germany	Satellite Symposium	02-Jul	16:30-18:00	K2	Speaker
Stefan	Hermann	Germany	ECE Forum	03-Jul	07:30-09:00	K16 & 17	Speaker
Steiner	Isabelle	Germany	Platform Session	30-Jun	11:30-13:00	A6	Speaker
Steinhäuser	Christian	Germany	Parallel Session	01-Jul	14:30-16:00	K11	Chair
Steinhäuser	Christian	Germany	Parallel Session	01-Jul	14:30-16:00	K11	Speaker
Stephani	Ulrich	Germany	Main Session	01-Jul	09:00-11:00	A2	Speaker
Stephani	Ulrich	Germany	Platform Session	01-Jul	11:30-13:00	K11	Chair
Steven	David	Canada	Platform Session	01-Jul	11:30-13:00	K1	Speaker
Stockis	Armel	Belgium	Platform Session	30-Jun	11:30-13:00	A4	Speaker
Strandberg	Joakim	Sweden	Teaching Session	01-Jul	07:30-09:00	A4	Speaker
Surges	Rainer	Germany	Parallel Session	30-Jun	14:30-16:00	K1	Chair
Sutter	Raoul	Switzerland	ECE Forum	03-Jul	09:30-11:00	K2	Speaker
Swijsen	Ann	Belgium	Platform Session	30-Jun	11:30-13:00	K2	Speaker
Talvik	Tina	Estonia	ECE Forum	03-Jul	07:30-09:00	K1	Speaker
Tassinari	Carlo Alberto	Italy	Special Symposium	01-Jul	14:30-16:30	K1	Speaker
Taubell	Erik	Norway	Parallel Session	01-Jul	14:30-16:00	K11	Chair
Teocchi	Marcelo	Brazil	Platform Session	02-Jul	11:30-13:00	A4	Speaker
Thom	Maria	United Kingdom	Platform Session	30-Jun	11:30-13:00	K11	Speaker
Thyrión	Lisa	Belgium	Platform Session	01-Jul	07:30-09:00	K11	Speaker
Timmings	Paul	New Zealand	Platform Session	02-Jul	11:30-13:00	A2	Speaker
Tinuper	Paolo	Italy	Main Session	01-Jul	09:00-11:00	A2	Speaker
Tinuper	Paolo	Italy	Parallel Session	02-Jul	14:30-16:00	K2	Speaker
Titulaer	Marteen	Netherlands	Parallel Session	02-Jul	16:30-18:00	A2	Speaker
Tohyama	Jun	Japan	Platform Session	01-Jul	11:30-13:00	K11	Speaker
Tomer	Raju	USA	Platform Session	02-Jul	07:30-09:00	K2	Speaker
Tomson	Torbjörn	Sweden	Chair Symposium	30-Jun	09:00-11:00	Victoria Hall	Speaker
Tomson	Torbjörn	Sweden	Satellite Symposium	30-Jun	16:30-18:00	A2	Chair
Tomson	Torbjörn	Sweden	Satellite Symposium	30-Jun	16:30-18:00	A2	Speaker
Tomson	Torbjörn	Sweden	Platform Session	02-Jul	11:30-13:00	A2	Speaker
Tomson	Torbjörn	Sweden	Parallel Session	02-Jul	16:30-18:00	A4	Speaker
Tomson	Torbjörn	Sweden	Teaching Course	03-Jul	09:45-15:00	A2	Speaker
Tomson	Torbjörn	Sweden	Highlights Session	03-Jul	15:00-16:30	A2	Chair
Trepanier	Marco	Canada	ECE Forum	03-Jul	13:30-15:00	K16&17	Speaker
Treviño-Peinado	Cristina	Spain	Platform Session	30-Jun	07:30-09:00	K11	Speaker
Trinka	Eugen	Austria	Parallel Session	29-Jun	14:30-16:00	A2	Speaker
Trinka	Eugen	Austria	Satellite Symposium	30-Jun	16:30-18:00	A2	Speaker
Trinka	Eugen	Austria	Main Session	02-Jul	09:00-11:00	K1	Speaker
Trinka	Eugen	Austria	Teaching Course	03-Jul	09:45-15:00	A2	Speaker
Valentin	Antonio	United Kingdom	Parallel Session	01-Jul	14:30-16:00	A4	Speaker
Van den Munckhof	Bart	Netherlands	Platform Session	01-Jul	11:30-13:00	K11	Speaker
Van Emde Boas	Walter	Netherlands	Teaching Session	01-Jul	07:30-09:00	A6	Chair

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Van Klooster	Maryse	Netherlands	Parallel Session	01-Jul	14:30-16:00	A4	Speaker
Van Klooster	Maryse	Netherlands	ECE Forum	03-Jul	07:30-09:00	K16 & 17	Speaker
Van Paesschen	Wim	Belgium	ECE Forum	03-Jul	13:30-15:00	K11	Speaker
Vaudano	Anna Elisabetta	Italy	Platform Session	02-Jul	11:30-13:00	K1	Speaker
Vecht	Charles J.	France	ECE Forum	03-Jul	11:30-13:00	K1	Chair
Veersema	Tim	Netherlands	Platform Session	30-Jun	11:30-13:00	K1	Speaker
Vezzani	Annamaria	Italy	Main Session	01-Jul	09:00-11:00	K1	Speaker
Vezzani	Annamaria	Italy	Parallel Session	01-Jul	11:30-13:00	A	Chair
Vezzani	Annamaria	Italy	ECE Forum	03-Jul	11:30-13:00	K16 & 17	Speaker
Vigevano	Federico	Italy	Main Session	01-Jul	09:00-11:00	A2	Chair
Vigevano	Federico	Italy	Satellite Symposium	01-Jul	16:30-18:00	A2	Speaker
Vigevano	Federico	Italy	Platform Session	02-Jul	11:30-13:00	K1	Chair
Vigevano	Federico	Italy	Highlights Session	03-Jul	15:00-16:30	A2	Speaker
Villanueva	Vicente	Spain	Platform Session	01-Jul	11:30-13:00	A2	Speaker
Vincent	Angela	United Kingdom	Parallel Session	02-Jul	16:30-18:00	A2	Speaker
Vogt	Viola	Germany	Platform Session	01-Jul	11:30-13:00	K2	Speaker
Volkmr	Hansjürgen	Germany	Teaching Session	01-Jul	07:30-09:00	A4	Speaker
Voll	Alexandra	Canada	Platform Session	02-Jul	11:30-13:00	K2	Speaker
Vonck	Kristl	Belgium	Satellite Symposium	01-Jul	07:30-09:00	K2	Speaker
Vulliemoz	Serge	Switzerland	Special Symposium	01-Jul	14:30-16:30	K1	Speaker
Vulliemoz	Serge	Switzerland	ECE Forum	03-Jul	13:30-15:00	K11	Chair
Vulliemoz	Serge	Switzerland	ECE Forum	03-Jul	13:30-15:00	K11	Speaker
Walker	Matthew	United Kingdom	Parallel Session	30-Jun	14:30-16:00	A6	Speaker
Walker	Matthew	United Kingdom	Teaching Session	02-Jul	07:30-09:00	A4	Chair
Walker	Matthew	United Kingdom	Main Session	02-Jul	09:00-11:00	K1	Speaker
Walker	Matthew	United Kingdom	ECE Forum	03-Jul	09:30-11:00	K12	Speaker
Weckhuysen	Sarah	Belgium	ECE Forum	03-Jul	13:30-15:00	K12	Speaker
Wellmer	Jörg	Germany	Parallel Session	02-Jul	16:30-18:00	K11	Chair
Wellmer	Jörg	Germany	ECE Forum	03-Jul	09:30-11:00	K1	Chair
Wellmer	Jörg	Germany	ECE Forum	03-Jul	09:30-11:00	K1	Speaker
Wellmer	Jörg	Germany	ECE Forum	03-Jul	11:30-13:00	K12	Chair
Wellmer	Jörg	Germany	ECE Forum	03-Jul	11:30-13:00	K12	Speaker
Wendling	Fabrice	France	ECE Forum	03-Jul	07:30-09:00	K11	Speaker
White	Steve	USA	Platform Session	30-Jun	07:30-09:00	K11	Chair
White	Steve	USA	Parallel Session	30-Jun	14:30-16:00	A4	Speaker
Whittemore	Vicky	USA	Main Session	01-Jul	09:00-11:00	K1	Chair
Whittemore	Vicky	USA	Platform Session	02-Jul	07:30-09:00	K2	Chair
Wide	Katarina	Sweden	Platform Session	01-Jul	11:30-13:00	A2	Speaker
Wiebe	Samuel	Canada	Parallel Session	29-Jun	16:30-18:00	K1 & 2	Speaker
Wilson	Sarah	Australia	Parallel Session	30-Jun	14:30-16:00	K11	Chair
Wilson	Sarah	Australia	Main Session	02-Jul	09:00-11:00	A2	Speaker
Witt	Juri-Alexander	Germany	Platform Session	01-Jul	11:30-13:00	A2	Speaker
Woermann	Friedrich	Germany	Platform Session	30-Jun	11:30-13:00	K1	Speaker
Wolf	Peter	Denmark	Platform Session	30-Jun	07:30-09:00	K11	Chair
Wolf	Peter	Denmark	Parallel Session	02-Jul	16:30-18:00	K11	Chair
Wolff	Markus	Germany	Platform Session	02-Jul	11:30-13:00	K1	Speaker
Yang	Rei-Cheng	Taiwan, Republic of China	ECE Forum	03-Jul	13:30-15:00	K16 & 17	Speaker
Yuen	Alan	United Kingdom	ECE Forum	03-Jul	13:30-15:00	K16 & 17	Chair
Yuen	Alan	United Kingdom	ECE Forum	03-Jul	13:30-15:00	K16 & 17	Speaker
Zarei	Mojtaba	Iran, Islamic Republic of	Parallel Session	02-Jul	16:30-18:00	A6	Speaker
Zarubova	Jana	Czech Republic	Parallel Session	02-Jul	16:30-18:00	A4	Chair
Zelano	Johan	Sweden	Platform Session	02-Jul	11:30-13:00	K11	Speaker
Zheng	Ping	Australia	Platform Session	01-Jul	07:30-09:00	K11	Speaker
Zijlmans	Maeike	Netherlands	ECE Forum	03-Jul	07:30-09:00	K16 & 17	Chair
Zuberi	Sameer	United Kingdom	Special Symposium	01-Jul	14:30-16:00	A2	Chair
Zuberi	Sameer	United Kingdom	ECE Debates / Controversy	03-Jul	11:30-12:30	K2	Speaker

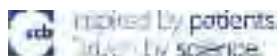
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Abbreviated Prescribing Information (Sweden)**

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### EXHIBITOR

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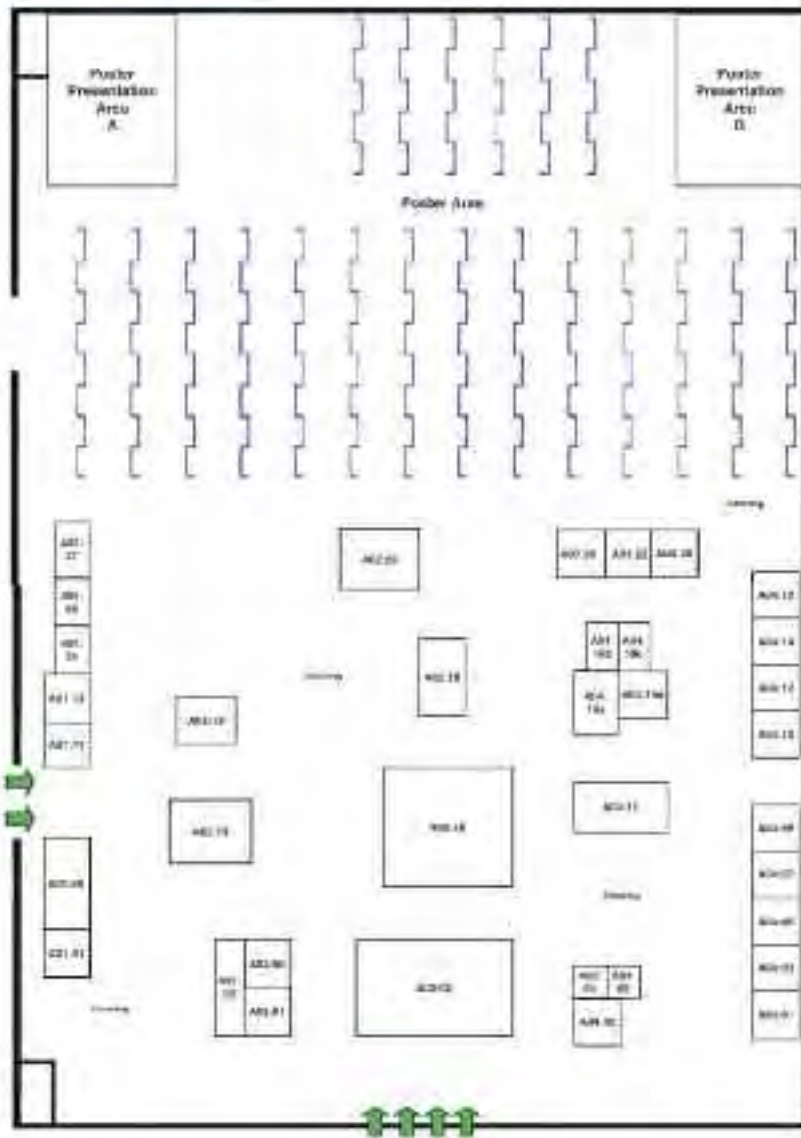
Actavis	A04:05
Ad-Tech Medical Instrument Corporation	A04:09
AIT Austrian Institute of Technology	A01:22
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Biocodex	A02:20
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John Libbey Eurotext	A01:13
Lifelines Ltd	A04:10
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Medtronic International Trading S.a.r.l.	A02:19
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Natus Neurology Inc.	A01:21
NeuroSigma	A04:19a
Nihon Kohden	A01:01
Persyst Development Corporation	A04:07
The EpiNet Study Group	A04:08
UCB Pharma	A02:10
ViroPharma (Part of the Shire Group of Companies)	A04:11
Wiley	A02:09
Wisepress Medical Bookshop	A01:02

### EXHIBITION OPENING HOURS

Monday 30 <sup>th</sup> June	09:00-16:30
Tuesday 1 <sup>st</sup> July	09:00-16:30
Wednesday 2 <sup>nd</sup> July	09:00-16:30



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