

ABOUT THE CONGRESS

The IESS is the first meeting of the Epilepsy Surgical Techniques and The Largest Epilepsy Surgery Congress in the world.

It is the first international society dedicated to epilepsy surgery. The society has evolved from the Epilepsy Surgery Techniques Meeting (ESTM) initiative with the inaugural meeting in Gothenburg in 2014, followed by meetings in Prague in 2016 and Vienna in 2018. The meetings were held as satellite meetings to the European Congress on Epileptology and different from many other meetings on epilepsy in the world at that time, they specifically addressed various aspects of epilepsy surgery techniques. During the Vienna meeting, the organizing committee of the ESTM decided to move forward and develop from an initiative to a whole society. IESS was officially founded in the year 2020 in Vienna and in May 2021 the society had the inaugural meeting of all founding board members.

TARGET AUDIENCE

- Epileptologist
- Neurosurgeon
- Neuro interventionalist
- Pediatrics Epileptologist
- Pediatrics Neurosurgeon
- Pediatric Surgeons
- Pediatrics Neurologist
- Neuropsychologist
- Pediatricians
- Nurses and allied health professionals
- Fellows
- Students

Why Attend

Networking opportunities

Regional & international experts

Evidence based case studies

Latest topics and researches

Newly discovered vaccines

CONGRESS BOARD MEMBERS



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Associate Professor, Vice-Chair,
Department of Neurosurgery, **Medical University of Vienna**
IESS President



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Dept. of Clinical Neuroscience, Institute of Neuroscience and Physiology, Dept. of Neurosurgery, **The Sahlgrenska Academy, University of Gothenburg, Sahlgrenska University Hospital,**
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Professor, Chair, Neurology and Neurosurgery Clinic **Sao Paolo Clinica Neurologica Cukiert**
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Professor of Neurological Surgery, **Neuroscience Centre, King Faisal Specialist Hospital and Research Centre, Alfaisal University Riyadh,**
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MD, MS, PhD, FAES, Vice Executive Director Neurosurgeon, **Seirei Hamamatsu General Hospital Hamamatsu, Japan**



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Professor, Chair, Neurology and Neurosurgery
Clinic **Sao Paulo Clinica Neurologica Cukiert**
IESS Treasurer



Antonio Nogueira

Specializes in Neurosurgery, Member of the **Brazilian Society of Neurosurgery**, the **Brazilian Academy of Neurosurgery** and the **Brazilian Society of Stereotaxy and Functional Neurosurgery**



Alexander Weil

MD, FRCSC, FAANS, FACS, Pediatric Neurosurgery Epilepsy Functional neurosurgery **Sainte-Justine Hospital, University of Montreal**



Bayron Sandoval

MD, MSc, Associate Professor of Neurosurgery Medica Sur / CMN. Mexico City. Epilepsy Surgery. Neuro-Oncology at the **National Medical Center Mexican Institute of Social Security**



Dr. Benedict Marius Selladurai

Consultant Neurosurgeon, Brain and Spinal Surgery, Cervical And Lumbar Disc Surgery, Cervical Laminoplasty, Microneuro Surgery, Skull Base Surgery, Fellowship from the **Royal College of Surgeons of England, United Kingdom**



Dr. Bertil Rydenhag

Dept. of Clinical Neuroscience, Institute of Neuroscience and Physiology, Dept. of Neurosurgery, **The Sahlgrenska Academy, University of Gothenburg, Sahlgrenska University Hospital**
IESS Secretary



Bhaskara Rao Malla

Consultant Neurosurgeon associated with **National Institute of Mental Health and Neuro Sciences, Bangalore**



Brett Youngerman

Neurological Surgery at the **Neurological Institute of New York**, fellowship training at **Weill Cornell Medical Center, New York, New York, USA**



Chima Oluigbo

M.D., FRCSC, FAANS, Pediatric neurosurgeon at **Children's National Hospital** and Professor of Neurological Surgery, Neurology and Pediatrics at the **George Washington University School of Medicine**



Dr. Christian Dorfer

Associate Professor, Vice-Chair, Department of Neurosurgery, **Medical University of Vienna**
IESS President



Daniel Nilsson

MD, Assoc Prof in Neurosurgery, Department of Clinical Neuroscience and Rehabilitation **University of Gothenburg | GU**



David Adelson

Steve A. Antoline Endowed Chair for Children's Neuroscience, Vice Chair, **Rockefeller Neuroscience Institute**, Executive Director, **WVU Children's Neuroscience Center**



Dennis Spencer

MD, Ma(hon), FACS, FAES, Harvey and Kate Cushing Professor, Emeritus, Chairman, Emeritus, Department of Neurosurgery, Co-Director Comprehensive Epilepsy Program, **Yale University School of Medicine**



Didier Scavarda

Chief of Pediatric Neurosurgery at **Hôpital d'Enfants de la Timone**. **SFNCP French Society of Pediatric Neurosurgery**, **Aix-Marseille University**

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Eyiyesi Damisah

MD, Assistant Professor of Neurosurgery; Assistant Professor, Neuroscience Adult and pediatric functional neurosurgeons interested in mechanisms of epilepsy, neuropsychiatric disease and higher-order cognition in humans



Dr. Faisal Alotaibi

Professor of Neurological Surgery, **Neuroscience Centre, King Faisal Specialist Hospital and Research Centre, Alfaisal University Riyadh, Congress President**



FLAVIO GIORDANO

Head of the **Complex Operative Unit of Functional Neurosurgery and Epilepsy, and of the Spina Bifida Center of AOU Meyer**



Georg Dorfmueller

Head of the Neurosurgery Department and Professor of Neurosurgery at the **Adolphe Rothschild Foundation in Paris France**



George Jallo

M.D, Clinical Practice Director of Pediatric Neurosurgery, **Johns Hopkins All Children's Hospital, Professor of Neurosurgery**



Gordon H. Baltuch

MD, PHD, Co-Chief of the Division of Functional Neurosurgery and Professor of Neurosurgery at **Columbia University Vagelos College of Physicians and Surgeons and CUIMC/NYP**



Guoming Luan

MD, PhD, Department of Neurosurgery, **Comprehensive Epilepsy Center, Sanbo Brain Hospital, Capital Medical University**



Guy McKhann

MD, PhD, Department of Neurological Surgery, **Columbia University Medical Center New York, New York Vice-Secretary**



Jason Gerrard

Associate Professor of Neurosurgery & Neurobiology; Director of Functional Neurosurgery



Jeffrey P. Blount

M.D., Member of the Pediatric Division of the UAB Department of Neurosurgery at the **Children's Hospital of Alabama**



Jonathan Roth

Neurosurgeon working at the **Sourasky Medical Center, University Sackler Faculty of Medicine**



Jorge Gonzalez-Martinez

MD, PhD, Professor, Director, Epilepsy & Movement Disorders Program, Co-Director, **University of Pittsburgh Epilepsy Center, Director, Cortical Systems Laboratory Vice-Treasurer**



Karl Roessler

MD, Full Professor, Chair, Department of Neurosurgery, **Medical University of Vienna Vice-President**



Kensuke Kawai

M.D., Ph.D., Professor & Director, Department of Neurosurgery, **Jichi Medical University, Vice Director, Jichi Medical University Hospital Director, Epilepsy Center, Jichi Medical University Hospital**

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Marec von Lehe

Department of Neurosurgery, **Brandenburg Medical School Theodor Fontane, Neuruppin, Germany**



Mario Alonso Vanegas

MD, Department of Neurosurgery, **National Institute of Neurology and Neurosurgery, Medical Center ABC Santa Fe, Mexico City**



Mark Dexter

B Sc (Med) (Hons), MBBS (Hons I), FRACS IFAANS, Head of Neurosurgery at **Westmead** and the Director of Neurosurgery at **SWAHS, Westmead Hospital**



Masaki Iwasaki

Department of Neurosurgery, **National Center Hospital, National Center of Neurology and Psychiatry**



Dr. Mohammad Alolama

Consultant Neurosurgeon, **Valiant Clinic & Hospital, Dubai, Congress Organizing Board**



Nitin Tandon

MD, Neurosurgeon Professor and Chairman ad interim Vivian L. Smith Department of Neurosurgery **McGovern Medical School, UTHealth Houston**, Chairman ad interim and professor of neurosurgery at **McGovern Medical School at UTHealth Houston**, chief of the epilepsy surgery program



Olaf Schijns

Chair, Section of Functional Neurosurgery, **Germany**



Rafael Basilio Guimaraes

Neurosurgeon at the Faculdade de Medicina do ABC; Member of the Brazilian Society of Neurosurgery; Member of the clinical staff of Clínica Cukiert



Reza Zare, MD

Neurosurgeon, Department of Neurosurgery, **Razavi Hospital, Mashhad, Iran**



RICARDO CENTENO

Professor of the Discipline of Neurosurgery at the Department of Neurology and Neurosurgery at the **Federal University of São Paulo**, Head of the Functional Neurosurgery and Epilepsy Sector, Member of the **Brazilian Society of Neurosurgery /Brazilian Society of Functional Neurosurgery**, Professor Advisor of the Graduate Program in Neurosciences Department of Neurology and Neurosurgery, Scientific Director of the Laboratory of Microneurosurgery



Robert Gross

MD, Specializes in Neurology. **UCHealth Neurosciences Center - Anschutz Medical Campus**



Sarat Chandra

MD, Professor, Department of Neurosurgery, **All India Institute of Medical Sciences**



Stenio A. Sarmento

Neurosurgeon and Titular Member of the **Brazilian Society of Neurosurgery (SBN)**, PhD in Neurosciences, Observer Fellow at the **Barrow Neurological Institute - Phoenix - Arizona - USA**, Professor of Neuroanatomy and Neurosurgery, President of the **Brazilian Congress of Neurosurgery**



Steven Ojemann

MD, Professor of Clinical Practice, Neurosurgery, specializes in the surgical treatment of movement disorders and epilepsy

CONGRESS FACULTY



Takamichi Yamamoto

MD, MS, PhD, FAES, Vice Executive Director
Neurosurgeon, **Seirei Hamamatsu
General Hospital Hamamatsu, Japan**



Xiongfei Wang

Epilepsy Surgery



Youssef G Comair

M.D, Professor (PAR) of Neurosurgery



Abdulrahman Jafar Sabbagh

M.D., FRCS(C), Visiting scientist and former Fellow
at the **Neurosurgical Simulation Research and
Training Centre, MNI**



Abdulrahman Nazer

Functional and Epilepsy Neurosurgeon
Saudi Arabia



Ahmed Najjar

MBBS MSc FRCS, Surgery, **Taibah University**



Aleya Almazmi



Faisal T. Sayer

Consultant and Chairman, Department of
Neurosurgery, **Ibn Sina Hospital**. Residency
program Director, **KIMS**



Sasha Dionisio

Associate Professor, Head of the Mater Advanced
Epilepsy Unit, Queensland's first and only adult,
level 4, tertiary referral public epilepsy surgery
centre. **The Mater Advanced Epilepsy Unit
primarily focuses on Stereo-electroencephalog-
raphy (SEEG), brain mapping (CCEPS)**



Soha Alomar

Associate Professor of Neurosurgery, **King
Abdulaziz University, Jeddah, Saudi Arabia,**



Tarek Jallul

Department of Neurosurgery, **King Fahad
Specialist Hospital**



Walid Abdel Ghany

MD, PhD, Department of Neurosurgery
Ain Shams University



Call for Abstracts



Abstract Topics Categories

- Clinical Epilepsy
- Neurophysiology
- Neuroradiology
- Epilepsy Surgery
- Neurostimulation
- Neuroinnovation in epilepsy
- Nursing in Epilepsy
- Research and Education
- Basic Science

Abstract Deadline: **October 30, 2023**

Win Valuable prizes for best abstracts

SCIENTIFIC PROGRAM

DAY I: 19 January 2024

08:00 – 09:00 Breakfast and Registration

Session I: Keynote

Chairpersons: Christian Dorfer, Arthur Cukiert, Faisal Alotaibi

- 09:00 – 09:20 Welcome Remarks (Dubai development)
09:20 – 09:40 Paradigms shift in epilepsy surgery
[Dennis Spencer](#)
09:40 – 10:00 Discussion: Questions and Answers

10:00 – 10:30 Break and Exhibition

Session II:

Chairpersons: David Steven, Gordon Baltuch

- 10:30 – 10:45 Image guided surgery
[Karl Roessler](#)
10:45 – 11:00 SEEG-Guided Rolandic Resections
[Jorge Gonzalez-Martinez](#)
11:00 – 11:15 SEEG-guided radiofrequency lesions in PVNH
[Olaf Schijns](#)
11:15 – 11:30 SEEG-guided radiofrequency lesioning
[Guoming Luan](#)
11:30 – 12:00 Discussion

12:00 – 13:00 Lunch Break

Session III:

Chairpersons: Bertil Rydenhag, Soha Alomar

- 13:00 – 13:15 Deep-seated lesions thermocoagulation
[Bertil Rydenhag](#)
13:15 – 13:30 LITT in LEATs
[George Jallo](#)
13:30 – 13:45 LITT
[Daniel Nilsson](#)
13:45 – 14:00 LITT in temporal lobe epilepsy
[Brett Youngerman](#)
14:00 – 14:30 Discussion

14:30 – 15:00 Break and Exhibition

Session IV:

Chairpersons: Guy McKhann, Faisal Sayer

- 15:00 – 15:15 Minimal requirements for an epilepsy surgery program
[Marec von Lehe](#)
15:15 – 15:30 Implementing SEEG in northeast Brazil
[Stenio Sarmiento](#)
15:30 – 15:45 Amygdala's anatomy and temporal lobe surgery
[Antonio Nogueira](#)
15:45 – 16:00 Evolution of temporal lobe surgical technique
[Guy McKhan](#)
16:00 – 16:30 Discussion: Questions and Answers
Closing Remarks
End of Day I

20:00 – 23:00 Faculty Dinner

SCIENTIFIC PROGRAM

DAY II: 20 January 2024

08:00 – 09:00 **Breakfast and Registration**

Breakfast Session:
Chairpersons: Arthur Cukiert, Ahmed Najjar

- 08:00 – 08:15 RNS
David Adelson
- 08:15 – 08:30 Multitarget RNS
Robert Gross
- 08:30 – 8:45 Combined neuromodulation
Arthur Cukiert

Session V: Keynote
Chairpersons: Robert Gross, Sasha Dionisio

- 08:45 – 09:00 Thalamic stimulation in children
Chima Oluigbo
- 09:00 – 09:15 Multisite DBS
Jason Gerard
- 09:15 – 09:30 Focused ultrasound in epilepsy surgery
Gordon Baltuch
- 09:30 – 10:00 Discussion

10:00 – 10:30 **Break and Exhibition**

Session VI:
Chairperson: Masaki Iwasaki

- 10:30 – 10:45 Disconnective surgery in children
Didier Scavarda
- 10:45 – 11:00 Hemispheric surgery in Children
Masaki Iwasaki
- 11:00 – 11:15 Vertical hemispherotomy
Christian Dorfer
- 11:15 – 11:30 Evolution of hemispheric surgery
Sarat Chandra
- 11:30 – 12:00 Discussion: Questions and Answers

12:00 – 13:00 **Lunch Break**

Session VII:
Chairpersons: Ricardo Centeno, Abdulrahman Sabbagh

- 13:00 – 13:15 Major hemispheric resections in low-weight kids
Mark Dexter
- 13:15 – 13:30 Hemispherotomy failures
Georg Dorfmueller
- 13:30 – 13:45 Peri-insular hemispherotomy
Ricardo Centeno
- 13:45 – 14:00 Callosotomy and VNS
Jonathan Roth
- 14:00 – 14:30 Discussion: Questions and Answers

14:30 – 15:00 **Break and Exhibition**

SCIENTIFIC PROGRAM

DAY II: 20 January 2024

Session VIII:
Chairpersons: Abdulrahman Nazer, Walid Abdulghany

- 15:00 – 15:20 **Trans-sylvian hemispherectomy**
Youssef Coumair
- 15:20 – 15:40 **Complications during trans-sylvian amygdalo-hippocampectomy**
Zare Reza
- 15:40 – 16:00 **Parahippocampectomy**
Mario Alonso
- 16:0 – 16:20 **Hippocampal transection**
Takamichi Yamamoto
- 16:20 – 16:50 **Discussion: Questions and Answers**
Closing Remarks
End of Day II

20:00 – 23:00 **Networking Dinner**

SCIENTIFIC PROGRAM

DAY III: 21 January 2024

08:00 – 09:00 Breakfast and Registration

Breakfast Session: Chairpersons: Falvio Giordano

- 08:00 – 08:15 Connectomics guide
[Bayron Sandoval](#)
- 08:15 – 08:30 Complex VNS surgery
[Flavio Giordano](#)
- 08:30 – 8:45 VNS and DBS impedance
[Rafael Basilio Guimarães](#)

Session IX: Keynote Chairpersons: Alolama Mohd, Tarek Jallul

- 08:45 – 09:00 New thalamic and limbic targets
[Nitin Tandon](#)
- 09:00 – 09:15 Occipital resection plus RNS
[Eyiymisi Damisah](#)
- 09:15 – 09:30 Awake surgery
[Mark Guenot](#)
- 09:30 – 10:00 Discussion: Questions and Answers

10:00 – 10:30 Break and Exhibition

Session X: Chairpersons: Steven Ojemann, Aleya Almazmi

- 10:30 – 10:45 Surgical strategies for hypothalamic hamartoma
[Alexander Weil](#)
- 10:45 – 11:00 Ultra-early surgery in tuberous sclerosis
[Jeffrey Blount](#)
- 11:00 – 11:15 Open resection after LITT
[Steven Ojemann](#)
- 11:15 – 11:30 Lessons from 50 years of Epilepsy Surgery
[David Steven](#)
- 11:30 – 12:00 Discussion: Questions and Answers

12:00 – 13:00 Lunch Break

Session XI: Chairpersons: Christian Dorfer, Arthur Cukiert

- 13:00 – 13:15 Surgical treatment of parietal epilepsy
[Xiongfei Wang](#)
- 13:15 – 13:30 Pediatric cortical dysplasia
[Bhaskar Malla](#)
- 13:30 – 13:45 LEAT in the Neocortex
[Ben Selladurai](#)
- 13:45 – 14:00 Posterior Disconnection
[Kensuke Kawai](#)
- 14:00 – 14:30 Discussion: Questions and Answers
Congress Closing Remarks
End of IESS Congress

20:00 – 23:00 Farewell Dinner