

Dianalund Summer School on EEG and Epilepsy

Fifth edition

16th – 23rd July 2022

Faculty

Alving J, Backman S, Beniczky S, Fabricius M, Gardella E, Leitinger M, Mameniskiene R, Neufeld M, Pressler R, Rosenzweig I, Rubboli G, Schomer D, Sperling M, Stefan H, van Emde Boas W, Wolf P

Course director: Sándor Beniczky

Programme

Saturday, July 16

9:00-12:00 Arrival, registration

12:00-13:00 Lunch

13:00-13:15 Welcome and introduction

13:15-14:00 EEG: Why, when and where

Sándor Beniczky
Michael Sperling

Coffee break: 14.00-14.30

14:30-16:00 EEG quiz

Dinner: 19.00

Sunday, July 17

Breakfast: 7.15-8.15

8.30-9.15 Normal maturation of the EEG: neonates

9.15-9.45 Normal maturation of the EEG: children

Ronit Pressler
Sofia Backman

Coffee break: 9.45-10.15

10.15-11.15 Abnormal neonatal EEG

Ronit Pressler

11.30-12.30 Abnormal EEG in infants and young children

Sofia Backman

Lunch: 12.30-13.30

Hands-on tutorials: 13.30 – 15.30

Coffee break: 15.30-16.00

Plenary discussion: 16.00-17.00

Dinner: 18.30

Monday, July 18

Breakfast: 7.15-8.15

8.30- 9.30 Cellular basis of EEG signal generation
9.30-10.00 Digital EEG: montages, filters, paper-speed

Ivana Rosenzweig
Sándor Beniczky

Coffee break: 10.00-10.30

10.30-11.30 From current dipoles to scalp maps
11.30-12.30 Reporting the findings: SCORE

Sándor Beniczky
Sándor Beniczky

Lunch: 12.30-13.30

Hands-on tutorials: 13.30 – 17.00

Coffee break: 15.30-16.00

Plenary discussion: 16.00 – 17.00

Dinner: 18.30

Tuesday, July 19

Breakfast: 7.15-8.15

8.30-9.15 Background activity: qualitative and quantitative assessment
9.15-10.00 Normal variants

Jørgen Alving
Don Schomer

Coffee break: 10.00-10.30

Source localization

10.30-11.30 Source localization of epileptiform interictal discharges
11.30-12.00 Source localization of ictal EEG discharges

Sándor Beniczky
Sándor Beniczky

12.10-12.50 EEG in the diagnosis of epilepsy: use and abuse.

Walter van Emde Boas

Lunch: 12.50-13.45

Hands-on tutorials: 13.45 – 15.45

Coffee break: 15.45-16.15

Plenary discussion: 16.15-17.15

Dinner: 18.30

Wednesday, July 20

Breakfast: 7.30-8.30

8.45-9.30 Safety issues in the Epilepsy Monitoring Unit
9.30-10.00 Ictal EEG patterns

Markus Leitinger
Sándor Beniczky

Coffee break: 10.00-10.30

10.30-11.30 Electrical Source Imaging in presurgical investigations:
possibilities, limitations and pitfalls of ESI.

Sándor Beniczky

11.30-12.30 Practical demonstration of HD-EEG.

TBD

Lunch: 12.30-13.30

13:30 – 17:00 Excursion / Go-high

Thursday, July 21

Breakfast: 7.15-8.15

8.30-9.15 Seizure semiology (part 1)
9.15-10.00 Seizure semiology (part 2)

Walter van Emde Boas
Hermann Stefan

Coffee break: 10.00-10.30

10.30-11.15 Intracranial recordings
11.15-11.45 EEG in critically ill patients
11.45-12.30 EEG in status epilepticus

Martin Fabricius
Martin Fabricius
Markus Leitinger

Lunch: 12.30-13.30

Hands-on tutorials: 13.30 – 15.30

Coffee break: 15.30-16.00

Plenary discussion: 16.00-17.00

Dinner: 18.30

Friday, July 22

Breakfast: 7.15-8.15

Electroclinical findings
8.30-9.15 Polygraphic recordings

Guido Rubboli

9.15-9.45 Differential diagnosis: sleep disorders Poul Jennum

Coffee break: 9.45-10.15

10.15-11.15 Long term video EEG monitoring Miri Neufeld
11.15-12.20 Focal and generalised seizures Peter Wolf

Lunch: 12.30-13.30

Hands-on tutorials: 13.30 – 15.30 all tutors

Coffee break: 15.30-16.00

Plenary discussion: 16.00-17.00

Dinner: 18.30

Saturday, July 23

Breakfast: 7.15-8.15

8.30-9.00 Effect of medication on the EEG Ruta Mameniskiene
9.00-10.00 Difficult / ambiguous cases – part 1 Elena Gardella and Walter van Emde Boas

Coffee break: 10.00-10.30

10.30-12.30: Difficult / ambiguous cases – part 2 Elena Gardella and Walter van Emde Boas

Lunch: 12.30-13.30

13.30-15.00: Difficult / ambiguous cases – part 3 Elena Gardella and Walter van Emde Boas

Coffee break: 15.00-15.30

15.30-17.00: Difficult / ambiguous cases – part 4 Elena Gardella and Walter van Emde Boas

Dinner: 18.30

Sunday, July 14 Departure

Breakfast: 7.15-8.45