

Dianalund Summer School on EEG and Epilepsy

Fifth edition

12th – 18th July 2020

Faculty

Alving J, Beniczky S, Fabricius M, Gardella E, Leitinger M, Mameniskiene R, Neufeld M, Pressler R, Rosén I, Rosenzweig I, Rubboli G, Stefan H, van Emde Boas W, Wolf P
Course director: Sándor Beniczky

Programme

Saturday, July 11 Arrival

Dinner: 19.00

Sunday, July 12

Breakfast: 7.15-8.15

8.30-8.45 Welcome and introduction

Sándor Beniczky

Neonatal EEG

8.45-9.15 Normal maturation of the EEG: neonates

Ronit Pressler

9.15-9.45 Normal maturation of the EEG: children

Ingmar Rosén

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

Ingmar Rosén

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 13

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 14

Breakfast: 7.15-8.15

8.30-9.30 Background activity: qualitative and quantitative assessment
9.30-10.00 Normal variants

Ingmar Rosén
Jørgen Alving

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 15

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 16

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

Walter van Emde Boas

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 17

Breakfast: 7.15-8.15

Electroclinical findings

8.30-9.15 Polygraphic recordings

9.15-9.45 Differential diagnosis: sleep disorders

Guido Rubboli

Ivana Rosenzweig

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 18

Breakfast: 7.15-8.15

8.30-9.00 Effect of medication on the EEG
9.00-10.00 Difficult / ambiguous cases – part 1

Ruta Mameniskiene
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 19 Departure

Breakfast: 7.15-8.45