

6th Baltic Sea Summer School on Epilepsy (BSSSE 6)
Rostock, Germany
8 -13 July 2012

Sunday, 8/7

Arrival, evening get-together, introduction to the course, distribution of materials

Monday, 9/7

08:00-08:30 Introductory courses for beginners (in parallel)

- EEG I (Stephani & Beniczky)
- Imaging I (Wellmer)

08:30-10:00 Lectures: investigations update

1. Imaging in epilepsy diagnostics and research (Wellmer)
2. MEG in epilepsy (Stefan)

Coffee break

10:30-11:30 Students' case presentations (in 4 groups of 10)

11:30-12:30 Students' research presentations (plenary)

Lunch break

14:00-17:30 Tutorials (3 x repeated in parallel groups of 13-14, coffee after 2nd)

- Pharmacotherapy I (Johannessen & Johannessen Landmark)
- Seizure semiology in children (Nikanorova)
- The EEG in epilepsy today (Beniczky)

17:30-18:30 Case-oriented study (in 4 parallel groups)

(Mameniskiene, Nikanorova, Stephani, Wolf)

19:00

Dinner with presentations

Tuesday, 10/7

08:00-08:30 Introductory courses for beginners (in parallel)

- EEG II (Stephani & Beniczky)
- Imaging II (Wellmer)

08:30-10:00 Lectures

1. Timing of AED administration (Stefan)
2. Epilepsy and language lateralization (Wellmer)

Coffee break

10:30-11:30 Students' case presentations (in 4 groups of 10)

11:30-12:30 Students' research presentations (plenary)

Lunch break

14:00-17:30 Tutorials (3 x repeated in parallel groups of 13-14, coffee after 2nd)

- Basic mechanisms underlying the EEG (Köhling)
- Seizure semiology in adults (Beniczky)
- Pharmacotherapy II (Johannessen & Johannessen Landmark)

17:30-18:30 Case-oriented study (in 4 parallel groups)

(Mameniskiene, Nikanorova, Stephani, Wolf)

19:00

Dinner

21:00 Optional after-dinner session

Wednesday, 11/7

08:00-08:30 Introductory courses for beginners (in parallel)

- EEG III (Stephani & Beniczky)
- Imaging III (Wellmer)

08:30-10:00 Lectures: Seizures and external stimuli

1. Seizures provoked by external stimuli (Mazurkiewicz-Bełdzińska)
2. Exogenous modification of ictogenesis (Wolf)

Coffee break

10:30-11:30 Students' case presentations (in 4 groups of 10)

11:30-12:30 Case-oriented study (in 4 parallel groups)

(Mameniskiene, Nikanorova, Stephani, Wolf)

Lunch break

14:00 Excursion, followed by dinner

Thursday, 12/7

08:00-08:30 Introductory courses for beginners (in parallel)

- EEG IV (Stephani & Beniczky)
- Imaging IV (Wellmer)

08:30-11:30 Lectures: Translational research

1. In vitro and in vivo models of epilepsy: Basic mechanisms (Köhling)
2. Translational genetic and stem cell approaches (Kokaia)

Coffee break

3. Regulation of pH and neonatal seizures (Helmy)

11:30-12:30 Students' case presentations (in 4 groups of 10) or
Students' research presentations (plenary)

Lunch break

14:00-17:30 Tutorials (3 x repeated in parallel groups of 13-14, coffee after 2nd)

- Epileptic encephalopathies from childhood to adulthood (Nikanorova)
- Timing of AED administration (exercises, Stefan)
- Use of EMG in neurophysiological investigation of epilepsy (Beniczky)

17:30-18:30 Plenary discussion: Transnational research around the Baltic Sea (Wolf)

19:00 Farewell Dinner with certificates

Friday, 13/7

08:30-10:15 Lectures: Non-pharmacological treatments

1. Epilepsy surgery today (Lehmann)
2. Neurostimulation – VNS and DBS (Ben-Menachem?)

Coffee break

10:30-11:30 Case-oriented study (in 4 parallel groups)
(Mameniskiene, Nikanorova, Stephani, Wolf)

11:30-12:00 Course evaluation, closing remarks

Lunch