



International League against Epilepsy
Commission on European Affairs

ILAE - CEA



DANSK EPILEPSI SELSKAB
Danish Epilepsy Society



Dianalund Summer School on EEG and Epilepsy

3rd edition, 17th – 23rd July 2016

DSSEE is an advanced course on EEG and its application in the field of epilepsy. The course is practically-oriented, with many hands-on sessions, and it is highly interactive.

The main idea of the course is to bridge the gap between epileptologists and neurophysiologists. Therefore, topics both in the realm of signal analysis and topics related to seizure semiology and clinical significance of EEG findings will be covered. The theoretical presentations (in the morning) will be supplemented by EEG-reading sessions, where the participants will be guided through video-EEG samples by the tutors. The last day of the course will be dedicated to discussion of difficult cases brought by the participants.

Main topics

Cellular origin of the EEG signals
Digital EEG: technical aspects
Equivalent current dipoles
Montages and voltage maps
Source localisation
Background activity: qualitative and quantitative assessment
Interictal epileptiform discharges: spike-generation and propagation
Reporting the findings
Normal variants
Seizure semiology
Seizure classification

Long term video EEG monitoring
Polygraphic recordings
Ictal EEG activity
Intracranial recordings
EEG in status epilepticus
EEG in critically ill patients
High Density EEG
Differential diagnosis: sleep disorders
Specific aspects of EEG in neonates and infants
Thalamocortical dysrhythmias
Effect of medication on the EEG

The course is limited to a maximum of 20 participants. The applicants are expected to have a solid theoretical and practical knowledge of EEG (at least 1 year training in EEG). Alumni of VIREPA-EEG courses will have priority.

The course will be held at the Danish Epilepsy Centre, in Dianalund, Denmark.

Registration fee: 1100 Euros. The registration fee includes: access to the course, accommodation at the Danish Epilepsy Centre in single rooms with own bathroom, full board and coffee breaks, course materials.

A very limited number of bursaries are available, though with a self-contribution of 100 Euros for each bursary recipient.

A limited number of shared-bursaries are available: self-contribution of 600 Euros for each shared-bursary recipient.

Faculty:

Elena Gardella	Martin Fabricius
Göran Lantz	Miri Neufeld
Guido Rubboli	Markus Leitinger
Hermann Stefan	Peter Wolf
Ingmar Rosén	Poul Jennum
Ivana Rosenzweig	Ronit Pressler
Judith Dobesberger	Ruta Mameniskiene
Jørgen Alving	Walter van Emde Boas

Course director: Sándor Beniczky

Please send application form, short CV (including list of publications) and a recommendation letter by March 31, 2016 to:

sbz@filadelfia.dk