



International League against Epilepsy
Commission on European Affairs

ILAE - CEA

European Chapter
International Federation of Clinical Neurophysiology



Dianalund Summer School on EEG and Epilepsy

23rd – 28th July, 2012

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, as there is one tutor for 2 participants.

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.

Main topics

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

Long term video EEG monitoring
Polygraphic recordings
Ictal EEG activity –clinical considerations and source analysis
Quantification of epileptic activity: ictal and interictal
Intracranial recordings
EEG in status epilepticus
Slow EEG potential
Differential diagnosis: sleep disorders
Specific aspects of EEG in neonates and infants
Difficult / ambiguous case

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: 600 Euros. The registration fee includes: access to the course, accommodation in twin-bedded rooms, full board and coffee breaks, course materials. A limited number of bursaries are available.

Faculty:

Guido Rubboli	Miri Neufeld
Hermann Stefan	Peter Wolf
Ingmar Rosén	Poul Jennum
Judith Dobesberger	Ronit Pressler
Jørgen Alving	Troels Kjær
Martin Fabricius	Walter van Emde Boas
Michael Scherg	

Course director: Sándor Beniczky

Please send application form, short CV (including list of publications) and a recommendation letter by March 31, 2012 to:

sbz@filadelfia.dk