



**International League against Epilepsy**  
Commission on European Affairs

**ILAE - CEA**



**DANSK EPILEPSI SELSKAB**  
Danish Epilepsy Society



**EPILEPSIHOSPITALET**  
**FILADELFIA**  
DANISH EPILEPSY CENTRE

# **Dianalund Summer School on EEG and Epilepsy**

*2<sup>nd</sup> edition, 13th – 19th July, 2014*

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. 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: 800 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 limited number of bursaries are available though with a self-contribution of 100 Euros for each bursary recipient.

Faculty:

Elena Gardella	Martin Lauritzen
Eugen Trinka	Michael Scherg
Göran Lantz	Miri Neufeld
Guido Rubboli	Peter Wolf
Hermann Stefan	Poul Jennum
Ingmar Rosén	Ronit Pressler
Ivana Rosenzweig	Ruta Mameniskiene
Judith Dobesberger	Troels Kjær
Jørgen Alving	Walter van Emde Boas
Martin Fabricius	

Course director: Sándor Beniczky

**Please send application form, short CV (including list of publications) and a recommendation letter by March 31, 2014 to:**

**[sbz@filadelfia.dk](mailto:sbz@filadelfia.dk)**