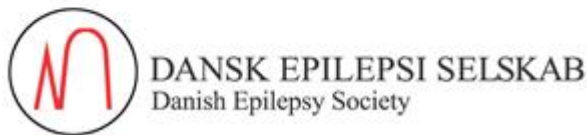




European Chapter  
International Federation of Clinical Neurophysiology



# Dianalund Summer School on EEG and Epilepsy

*5<sup>th</sup> edition, 12<sup>th</sup> – 18<sup>th</sup> July 2020*

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

Course director: Sándor Beniczky

**Please send application form, short CV (including list of publications) and a recommendation letter by March 31st, 2020 to:**

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