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# Corticothalamic circuit involvement in seizure generation

Satellite Symposium - FENS FORUM 2010  
RAI-Amsterdam \* The Netherlands

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[www.neuronworkshops.nl](http://www.neuronworkshops.nl)

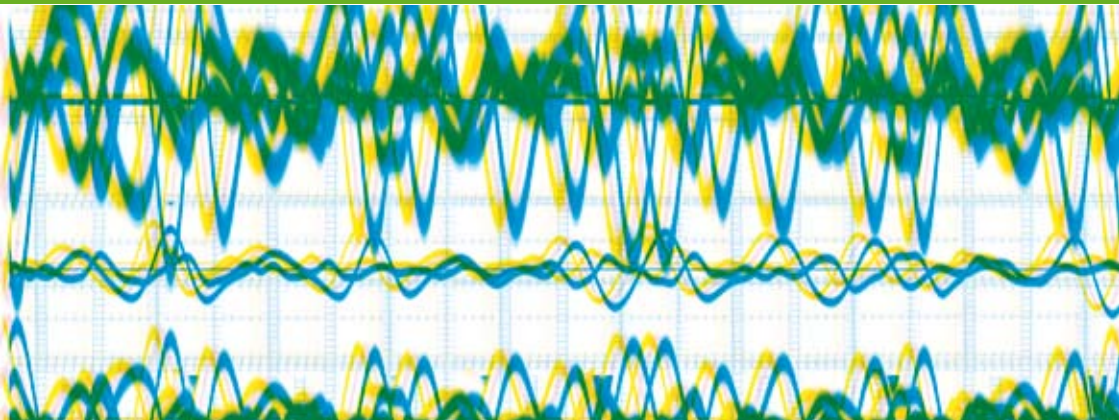


## Corticothalamic circuit involvement in seizure generation

Recent studies in animals as well as in children indicated for the so called generalized epilepsies the existence of a focal cortical zone, initiating a cascade of electroclinical events probably due to the increasing involvement of the corticothalamic pathways. The results of both the animal studies as well as of the studies of clinically distinct subpopulations of patients with focal or (secondary) generalized epilepsy will be presented.

### Program

- 10:00            Dr. F. Bartolomei, INSERM, Marseille.  
Long distance cortical-subcortical synchronization in temporal lobe epilepsy
- 10:30            Dr. A.E. Cavanna, Dept of Neuropsychiatry, University of Birmingham.  
Ictal disruption of the thalamo-fronto/parietal network
- 11:00            Coffee break
- 11:15            Prof. dr. W. Wadman, Swammerdam Institute for Life Sciences, University of Amsterdam  
Deep brain stimulation as therapeutic alternative





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- 11:45 Dr. S. Laureys, Cyclotron Research Center & Neurology  
Dept University of Liège.  
Neural correlates of consciousness
- 12:15 **Lunchbreak**
- 13:30 Dr. G. Van Luitelaar, Donderscentrum voor Cognitie,  
Radboud University Nijmegen.  
The cortical focus theory of absence epilepsy
- 14:00 Dr. M. Siniatchkin, Christian-Albrechts-University, Kiel.  
EEG-fMRI analysis of the network underlying Idiopathic  
Generalized Epilepsy
- 14:30 **Teabreak**
- 14:45 Dr. P. Ossenblok, Kempenhaeghe, Heeze.  
Corticothalamic activation, EEG-fMRI and MEG study
- 15:15 Prof. C.J. Stam, VU medical center, Amsterdam.  
Brain networks in epilepsy: lessons from graph theory
- 15:45 Prof. F. Lopes da Silva, Swammerdam Institute for Life  
Sciences, University of Amsterdam.  
Absence seizures in cortico thalamic re-entrant circuits
- 16:15 **Questions**



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### Venue

RAI, Amsterdam, NL

### Information and Registration

W [www.neuronworkshops.nl](http://www.neuronworkshops.nl)

E [info@neuronworkshops.nl](mailto:info@neuronworkshops.nl)

We have limited capacity, registration before June 1<sup>st</sup>.  
The satellite is FREE.

