

# Brain States: Characterization and Neuromodulation by DBS

November 11-13, 2015

Organizers: Rowshanak Hashemiyoony & Veerle Visser-Vandewalle

## Wednesday, November 11, 2015

- 9:30 – 10:00 Welcome Reception
- 10:00 – 12:00 **Characterization and Prediction of Epileptic Seizures**
- 10:00 – 10:50 *Christoph Michel, University of Geneva*  
10:50 – 11:40 *Marc Goodfellow, University of Exeter*  
11:40 – 12:30 *Viktor Jirsa, Aix-Marseille University*
- 12:30 – 14:00 Lunch  
14:00 – 14:40 Industry Symposium – Boston Scientific
- 14:40 – 17:10 **Temporal Dynamics and Non-Stationarity of Large – Scale Brain Networks**
- 14:40 – 15:30  
15:30 – 16:20 *Dimitri van de Ville, University of Geneva and EPFL*
- 16:20 – 17:30 Coffee Break & Poster Session
- 17:30 – 18:30 Special Lecture: *Wolf Singer, Max Planck Institute for Brain Research*
- 19:00 – 23:00 Speaker Dinner

## Thursday, November 12, 2015

- 8:30 – 10:10 **Characterization of Network Oscillations in Neurodevelopmental Disorders**
- 8:30 – 9:20 *Urs Ribary, Simon Fraser University*  
9:20 – 10:10 *John Foxe, University of Rochester*
- 10:10 – 10:30 Coffee Break
- 10:30 – 13:00 **Dynamic Communication in Neuronal Circuits**
- 10:30 – 11:20 *Emad Eskandar, Massachusetts General Hospital-Harvard Medical School*  
11:20 – 12:10 *Hagai Bergman, Hebrew University of Jerusalem*  
12:10 – 13:00 *Peter Brown, University of Oxford*

13:00 – 14:30 *Lunch & Poster Session*  
14:30 – 15:10 *Industry Symposium – Medtronic*

15:10 – 17:40 **Advanced Methodologies**

15:10 – 16:00 *Alain Destexhe, CNRS*  
16:00 – 16:50 *Jens Haueisen, Technische Universität Ilmenau*  
16:50 – 17:40 *Cameron McIntyre, Case Western Reserve University*

**Friday, November 13, 2015**

**Neuromodulation of Brain States in Psychiatric Disorders**

8:30 – 9:20 *Bart Nuttin, KU Leuven*  
9:20 – 10:10 *Stephan Chabardes, University Hospital Grenoble*

10:10 – 10:30 *Coffee Break*

10:30 – 11:20 *Günter Schiepek, Paracelsus Medical University*  
11:20 – 12:10 *Rowshanak Hashemiyoon, University Hospital of Cologne*

12:10 – 13:10 *Lunch*  
13:10 – 13:50 *Industry Symposium – St. Jude*

13:50 – 14:40 *Anthony Grace, University of Pittsburgh*  
14:40 – 15:30 *Jürgen Voges, Otto-von-Guericke-University Magdeburg*

15:30 – 15:50 *Coffee Break*

15:50 – 16:40 *Andres Lozano, University of Toronto*  
16:40 – 17:30 *Jens Kuhn, University Hospital Cologne*  
17:30 – 18:20 *Veerle Visser-Vandewalle, University Hospital of Cologne*

18:20 – 18:30 *Closing Remarks*