

# Cracking the code: from structural connectomics to neuronal synchrony

FENS Satellite Symposium – July 6, 2018

Kaiserin Friedrich-Haus, Lecture Hall, Robert-Koch-Platz 7, 10115 Berlin

Organizers: Andreas K. Engel, Christian Gerloff,  
Andreas Draguhn, Andrea Kühn, Marlene Bartos

- 12:00 pm **Registration and reception**
- 01:00 pm **Opening**  
Andreas Engel, Christian Gerloff and Andreas Draguhn
- 01:10 pm **Rhythms for cognition: communication through coherence**  
Pascal Fries, Frankfurt/Main
- 01:40 pm **Anticipated moments: temporal structure in attention**  
Kia Nobre, Oxford
- 02:10 pm **A potential behavioral role for intrinsic brain activity**  
Maurizio Corbetta, St. Louis/Padua
- 02:40 pm **Coffee break**
- 03:15 pm **Inhibitory interneurons in the mouse medial prefrontal cortex - connectivity and function**  
Marie Carlen, Stockholm
- 03:45 pm **Prefrontal circuits for successful gambling**  
Thomas Klausberger, Vienna
- 04:15 pm **Brain connectivity, translational neuromodeling, and computational psychiatry**  
Klaas Enno Stephan, Zurich
- 04:45 pm **Coffee break**
- 05:15 pm **Translational neuroscience: from bifurcations to personalized medicine**  
Viktor Jirsa, Marseille
- 05:45 pm **Manipulating oscillatory synchrony for the improved treatment of Parkinson's disease**  
Peter Brown, Oxford
- 06:15 pm **Matching of sensory evidence with stored priors in high dimensional dynamic space**  
Wolf Singer, Frankfurt/Main
- 06:45 pm **Closing remarks**
- After glow for all participants**
- 07:45 pm **End**