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

Registration: https://sfb936.net/fens-satellite-symposium-2018