

Resolving the brain circuitry: a story of tools, experiments and models

Satellite Symposium

DFG-funded Priority Programs 1665, 1926 & 2041

Plenary speakers

Kenneth Harris

University College London,
London, Great Britain

Peter Hegemann

Humboldt-Universität-Berlin
Berlin, Germany

Claire Wyart

Institut du cerveau et de la
Moelle epiniere Paris
Paris, France

Rainer Friedrich

Friedrich Miescher Institute for
Biomedical Research
Basel, Switzerland

Euisik Yoon

University of Michigan,
Michigan, U.S

Moritz Helmstaedter

Max-Planck-Institut für Hirnforschung
Frankfurt a. M., Germany

Organizers

Ileana Hanganu-Opatz (Hamburg)

Alexander Gottschalk (Frankfurt)

Jochen Triesch (Frankfurt)

6th of July 2018

Harnack-Haus, Berlin

Venue

Harnack-Haus - Tagungsstätte der
Max-Planck-Gesellschaft zur
Förderung der Wissenschaften e.V.
Innestraße 16-20
D-14195 Berlin

& presentation of research highlights from all programs

Registration: <https://www.guestlist-online.com/eventlist/registration-symposium-6th-july-2018-at-1100>



SPP 1665
Resolving and manipulating
neuronal networks in the
mammalian brain



SPP 1926
Next Generation Optogenetics



SPP 2041
Computational
Connectomics

**Satellite Symposium „Resolving the brain circuitry: A story of tools, experiments and models
Harnack-Haus, 6. Juli 2018
Preliminary Program**

11:00-12:00	Get together & Light lunch
12:00-12:15	Welcome by the SPP 1665, 1926 and 2041 coordinators (I. Hanganu-Opatz, A. Gottschalk, J. Triesch)
12:15-13:00	Kenneth Harris – University College London, England “The molecular organization of Hippocampal CA1 interneurons determined by single-cell and in-situ sequencing”
13:00-13:45	Peter Hegemann – Humboldt-Universität Berlin, Germany “Light-Enzymes for Cell Hyperpolarization”
13:45-14:00	Scientific highlight SPP 1665 (tba)
14:00-14:15	Scientific highlight SPP 1926 (tba)
14:15-14:30	Scientific highlight SPP 2041 (tba)
14:30-15:15	Claire Wyart – Insitut du cerveau et de la moelle epiniere Paris, France "Optical investigation of a novel sensory pathway in vertebrates : tasting from within"
15:15-16:15	Coffee break
16:15-16:30	Scientific highlight SPP 1926 (tba)
16:30-17:15	Rainer Friedrich – Friedrich Miescher Institute for Biomedical Research Basel, Switzerland “Connectivity and computations in olfaction”
17:15-18:00	Scientific highlight SPP 2041 (tba)
18:00-18:45	Euisik Yoon – University of Michigan, U.S. “High-Density Optoelectrodes for Monitoring and Manipulating Brain Activities”
18:45-19:00	Scientific highlight SPP 1665 (tba)
19:00-19:45	Moritz Helmstaedter – Max-Planck-Institut für Hirnforschung Frankfurt am Main, Germany “Cerebral Cortex Connectomics”
19:45-20:00	Concluding remarks by the SPP 1665, 1926 and 2041 coordinators (I. Hanganu-Opatz, A. Gottschalk, J. Triesch)