13:00 - 13:30 h Prof. Dr. Dirk Jancke
Zoology and Neurobiology, University of Bochum
Spatio-temporal dynamics of brain activity captured with voltage-sensitive dye imaging

13:45 - 14.15 h Prof. Dr. Frank Ohl
Leibniz-Institut für Neurobiologie, Magdeburg
Neurodynamics and the creation of meaning in the brain

14:30 - 15:00 h Prof. Dr. Siegrid Löwel
Zoology and Animal Physiology, University of Jena
The dynamic architecture of the visual cortex: Brain development, learning, and recovery from lesions

15:15 - 15:45 h Dr. Jacob Engelmann
Institute of Zoology, University of Bonn
Active and passive orientation in an aquatic environment: Physics, behaviour and neurobiology

16:00 -16:20 h Coffee break

16:20 – 16:50 h PD Dr. Lutz Wiegrebe
Dept. of Neurobiology, LMU München
Sonar object recognition in bats and humans

17:05 – 17:35 h PD Dr. Thomas Hummel
Neuro- and Behavioral Biology, University of Münster
Sensory map formation in the Drosophila brain

17:50 – 18:20 h Dr. Steven Fry
Institute of Neuroinformatics, Zürich
Neuromotor flight control in Drosophila

18:35 – 19:05 h Dr. Jan Benda
Dept. of Neurobiology, LMU München
The brain in its environment - sensory processing of natural stimuli