



Symposium Systems Neurobiology



Monday September 28th 2009

- 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