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**

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