

Programme Section Days 2008

November 5-7, 2008

Wednesday November 5, 2008:

Life Sciences: "Signal Transduction and its Medical Relevance"

- From 8.30 Registration and Poster Setup
09.00 - 09.15 **Welcome and Introduction**
- 09.15 - 10.00 "How Heptahelical Receptors Transduce Signals: Ligand Recognition and Conformational Dynamics in Bilayers"
Thomas Sakmar (*Laboratory of Molecular Biology & Biochemistry, Rockefeller University, USA*)
- 10.00 - 10.45 "Structure-Based Drug Design"
Alexey Rak (*Sanofi-Aventis, Paris, France*)
- 10.45 - 11.00 Coffee Break
- 11.00 - 11.45 "Transcription Activation by the Vibrio Colerae Virulence Regulator ToxT"
Karl Klose (*South Texas Center for Emerging Infectious Diseases, University of Texas, USA*)
- 11.45 - 12.30 "The Fight against AIDS – Development of a Vaginal siRNA-based Microbicide"
Emre Basar (*Department of Immunology, Harvard Medical School, USA*)
- 12.30 - 13.30 Lunch
- 13.30 - 15.30 **Talks Doctoral Fellows**
- Localization and Channel Properties of Pannexin1**
Sarah Hoffmann
- β -Arrestin2 Mediated Desensitization of Mammalian Odorant Receptors**
Sebastian Rasche
- Protection of Cytokine-Damaged Oligodendrocyte Precursor Cells by Blockage of Ca²⁺ Influx**
Romy Marx
- Deletion of Either One of the NO Receptors Alters Excitatory Synaptic Neurotransmission in the Hippocampal CA1 Field**
Angela Neitz
- The Role of the Intracellular Signalling Protein Ras in Clinical Depression**
Oliver Leske
- The Role of Functional NMDA Receptors During Neuronal Development**
Elke Muth-Köhne
- Signal Transduction and its Medical Relevance on a Macroscopic Level: Emotional Information Processing in Children at Risk for Depression**
Janine Trunk
- Mankind as Neuronal Machines? Transforming NMR Signals into Images of Man**
Ulrich Salaschek

- 15.30 - 16.30 **Poster Session** and Coffee Break
- 16.30 - 17.15 “CaMKII Autonomy in Memory and Neuronal Death”
Ulrich Bayer (*Department of Pharmacology, University of Colorado, Denver-School of Medicine, USA*)
- 17.15 - 18.00 “Stroke, and how it Affects Signalling – Signalling, and how it Affects Stroke”
Klaus van Leyen (*Massachusetts General Hospital, Neuroprotection Research Laboratory, USA*)
- 18.00 - 18.10 Closing

Thursday November 6, 2008:
Natural Sciences and Engineering: “Surface Science and Engineering”

- 09.00 – 09.30 Registration and Poster Setup
09.30 – 09.40 **Welcome and Introduction** (Ralf-Peter Brinkmann)
- 09.40 – 10.20 “Atomic Billiard at Metal Surfaces: A Computer Simulation Study”
Andreas Duvenbeck (*AG Applied Surface Physics, University of Duisburg-Essen, Germany*)
- 10.20 – 10.50 **Poster Session A:** Fellows of the Research School
- 10.50 – 11.30 “Plasma is Changing the World Around us: Real and Potential Applications”
Eloisa Sardella (*Institute of Inorganic Methodologies and Plasma, University of Bari, Italy*)
- 11.30 – 12.30 Lunch Break
- 12.30 – 13.00 **Poster Session B:** Fellows of the Research School
- 13.00 – 13.40 “Aerogels: Synthesis and Applications”
Zeljko Knez (*Laboratory for Separation Processes, University of Maribor, Slovenia*)
- 13.40 – 14.10 **Poster Session C:** Fellows of the Research School
- 14.10 – 14.50 “Functionalising of Polymer Materials and Surfaces by Supercritical Fluids”
Erdogan Kiran (*Macromolecules and Interfaces Institute, Virginia Tech, USA*)
- 14:50 - 15:00 Workshop Introduction
- 15:00 - 16:00 **Workshop 1a:** Zeljko Knez
Workshop 1b: Eloisa Sardella
- 16:00 - 16:10 Coffee Break
- 16:10 - 17:10 **Workshop 2a:** Erdogan Kiran
Workshop 2b: Andreas Duvenbeck
- 17:15 - 17:30 Closure

Friday November 7, 2008:

Humanities and Social Sciences: "Narration/Mediation: The constitution of the 'Self' in interdisciplinary perspective"

- 09.00 – 09.15 Registration
09.15 – 09.45 **Welcome and Introduction**
- 09.45 – 10.30 "Authentizitätskonstruktionen. Faktum und Fiktion in Holocaust-Autobiographien"
Matías Martínez (*Neuere Deutsche Literaturgeschichte, University of Wuppertal, Germany*)
- 10.30 – 11.15 "Historical Biography and the Narrative Turn"
Volker Depkat (*Department English and American Studies, University of Regensburg, Germany*)
- 11.15 – 11.45 Coffee Break
- 11.45 – 12.30 "Finding or Losing one's Self? Narrative Identity and the Stream of Consciousness"
Jens Brockmeier (*Visiting Professor Department of Psychology, University of Manitoba, Canada*)
- 12.30 – 13.45 Lunch
- 13.45 – 15.30 **Workshops I – IV:**
- Workshop I:**
Matías Martínez: "Authentizitätskonstruktionen. Faktum und Fiktion in Holocaust-Autobiographien"
- Workshop II:**
Volker Depkat: "Narrating Time, Change and the Self. A New Look at Autobiographical Texts as Historical Sources"
- Workshop III:**
Jens Brockmeier: "Narrative Identity and the Autobiographical Process"
- 15.30 – 16.00 Coffee Break
- 16.00 - 17.00 **Presentation of Results/ Discussion**
- 17.00 – 17.30 **Section Meeting with all HSS Fellows**