



**15th Meeting of the Austrian Neuroscience Association
September 24-26, 2017
IST Austria**

Preliminary Program

Sunday September 24, 2017

- 11.00- **Registration**, Mounting of Posters
- 13.00-14.00 **Andreas Luethi** (FMI, Basel, Switzerland): "Deconstructing fear"
- 14.00-15.20 **Minisymposium**: "Neural architectures for the basic mind" Chair: Wulf Haubensak (IMP, Vienna, Austria)
Cornelius Gross (EMBL Monterodondo, Italy): "The neural circuitry of instinct control"
Jan Deussing (MPI Psychiatry Munich, Germany): "Dissecting CRH-related circuits that modulate emotional behaviors and stress vulnerability"
Daniela Pollak (MedUni, Vienna, Austria): "MicroRNAs in learned safety"
Wulf Haubensak (IMP, Vienna, Austria): "Learning to fear with dopamine"
- 14.00-15.20 **Oral Session 1**
- 15.30-16.00 **Poster I flash**
- 16.00-17.30 **Poster I & Coffee**
- 17.30-18.30 **Gilles Laurent** (MPI Brain Research, Frankfurt, Germany): "From evolution to computation"
- 18.30-19.30 **Otto-Loewi-Award Ceremony**
- 19.30- **Dinner**

Monday September 25, 2017

- 09.00-10.00 **Michael Häusser** (UC London, UK): "All-optical interrogation of neural circuits"
- 10.00-11.00 **Minisymposium:** "Neuronal networks to keep you informed" Chair: Thomas Klausberger (CBR, MedUni Vienna, Austria)
Erik Keimpema (CBR, MedUni Vienna, Austria): "Delayed hippocampus development in a rodent model of extreme longevity"
Balint Lasztocki (CBR, MedUni Vienna, Austria): "A system of fast oscillations coordinates hippocampal information processing"
Alejandro J. Pernía-Andrade: "Synaptic dynamics and neural code in the hippocampus in vivo"
- 10.00-11.00 **Oral Session 2**
- 11.00-11.15 **Coffee Break**
- 11.15-11.45 **Poster II flash**
- 11.45-13.30 **Poster II & buffet**
- 13.30-14.30 **Ghislaine Dehaene-Lambertz** (Inserm U992, Gif-sur-Yvette/Paris, France): "What does brain imaging reveal on infants' cognition?"
- 14.30-15.00 **Poster III flash**
- 15.00-16.00 **Minisymposium:** "Calcium channels" Chair: Bernhard Flucher (Physiology & Medical Physics, Medical University Innsbruck, Austria)
Norbert Weiss (Organic Chemistry and Biochemistry, Academy of Sciences, Prague, Czech Republic): "Trafficking of T-type channels in health and disease"
Christoph Romanin (Institute of Biophysics, JKU Linz, Austria) "The CRAC channel machinery"
Bernhard Flucher (Physiology & Medical Physics, Medical University Innsbruck, Austria): "Curtailling calcium currents in CaV1.1 calcium channels"
- 15.00-16.00 **Oral Session 3**
- 16.00-17.30 **Poster III & Coffee**
- 17.30-18.30 **ANA General Assembly & FENS Agenda**
- 18.30-19.30 **Fiona Doetsch** (Univ. Basel, Switzerland) "Stem cell dynamics in the adult brain"
- 19.30- **Conference Dinner**

Tuesday September 26, 2017

- 09.00-10.00 **Claire Wyart** (ICM - Hôpital Pitié Salpêtrière, Paris, France): "Light on an ancestral sensory interface linking cerebrospinal fluid to motor circuits in vertebrates"
- 10.00-11.00 **Minisymposium:** "Computational and theoretical neuroscience" Chair: Gašper Tkačik (IST Austria, Klosterneuburg, Austria)
Julijana Gjorgjieva (MPI Brain Research, Frankfurt, Germany): "Optimal coding strategies for populations of sensory neurons"
Mate Lengyel (University of Cambridge, UK): "Bayesian computations in neural circuits"
Mantas Gabrielaitis (MPI for Dynamics and Self Organization, Göttingen, Germany): "Synaptic designs for efficient coding: an example from the auditory pathway"
- 10.00-11.00 **Oral Session 4**
- 11.00-11.15 **Coffee**
- 11.15-12.00 **Podium Discussion:** Open Access Publishing with **Paul Bolam** (EiC, EJN), **Falk Reckling** (FWF), & **MinR Dr. Peter Seitz** (bmwfw). Chair: **Sigismund Huck** (CBR, MedUni Vienna, Austria)
- 12.00-12.30 **Awards**
- 13.00-15.00 **Satellite Event:** Scientific Writing: **Paul Bolam** (EiC, EJN, Oxford, UK)

Tuesday/Wednesday September 26-27, 2017

Satellite Event: Hand-on course on human pluripotent stem cell culture (iPSC/ESC) and neural differentiation" (IMBA)

General Information

Registration opens April 15, 2017. Details will be shown early April on:

<http://www.austrian-neuroscience.at/>

Deadline for early registration and Abstract submission: June 15, 2017

Organizers: Peter Jonas (IST Austria), Sigismund Huck (CBR, MedUni Vienna, Austria)

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