

# BIOELECTROCHEMISTRY AND MORE.....2018

## Monday, May 28<sup>th</sup>

- 9.00: PhD Student Seminar with Poster Session**
- 11.30: Lunch**
- 12.30: Welcome**
- 12.40: Impedance Analysis to Study Lipid Membranes, Ingo Köper**
- 13.20: Patterned Model Biological Membrane on the Solid Substrate, Kenichi Morigaki**
- 14.00: Electronic Devices for the Interfacing with Neurons, Andreas Offenhäusser**
- 14.40: Coffee and Posters**
- 15.40: Photophysical and Spin Properties of Melanins, Paul Meredith**
- 16.20: Functional Thin Polymer Films Deposited from the Vapor Phase: from Proton Conductivity and Stimuli-Recognition to Electronic Devices, Anna Maria Coclite**
- 17.00: From Nanobiosensors to Selective Spearhead Nanotransistors, Wolfgang Schuhmann**
- 17.40: Reduced Graphene Oxide: Sensing, Deliver, Therapy, Sabine Szunerits**
- 18.20: End of Lecuture Day 1**

## Tuesday, May 29<sup>th</sup>

- 9.00: TBC, Fabio Biscarini**
- 9.40: Strategies Allowing for Local Design of Charge & Wetting in Nanopores Affecting Transport, Annette Andrieu-Brunsen**
- 10.20: Biosensing with Organic Electronic Transistors, Carlo A. Bortolotti**
- 11.00: Coffee**
- 11.30: Bio-Organic Electrocatalysis for CO<sub>2</sub> Recycling, Niyazi Serdar Sariçiftçi**
- 12.10: Preparation and Integration of Specifically Functionalized Nano- and Biosensors for Biomolecular Detection in Liquid Biopsy, Rudolf Heer**
- 12.50: Lunch and Posters**
- 13.30: Application of Vibration Spectroscopy in Bioelectrochemistry, Izabella Brand**
- 14.10: Towards Nanoscale Dielectric Spectroscopy of Ion Channels, Georg Gramse**
- 14.50: Closing Remarks**
- 15.00: End (Lab Tour optional)**