

United in innovation - Cooperation between Italy and Finland in the field of Organic Bioelectronics

ORGANIZERS	Åbo Akademi University Embassy of Italy in Finland
TIME	Monday 15th April, 2019
PLACE	Aud. Salin, Axelia, Piispankatu 8, 20500 Turku, Turku – Åbo Akademi University
CHAIRS	Luisa Torsi Department of Chemistry - Università degli studi di Bari Faculty of Science and Engineering, Åbo Akademi University Ronald Österbacka Faculty of Science and Engineering, Åbo Akademi University

PROGRAMME

08.30-9.00	<i>Registration – coffee, tea, and refreshments</i>
09.00	<i>Welcome Address</i> Stefan Willför - ÅAU Vice Rector for research Gabriele Altana, Ambassador of Italy to Finland
09.10	<i>Opening Remarks</i> Luisa Torsi Department of Chemistry, Università degli studi di Bari Faculty of Science and Engineering, Åbo Akademi University Ronald Österbacka Faculty of Science and Engineering, Åbo Akademi University
09.30	<i>Printed paper-based chemical and biosensors</i> Jouko Peltonen Center for Functional Materials and Faculty of Science and Engineering, Åbo Akademi University
10.00	<i>Organic Electronics Biosensors: from electrolyte-gated to neuromorphic devices</i> Fabio Biscarini Department of Life Sciences, Università degli Studi di Modena e Reggio Emilia
10.30	<i>Coffee Break</i>

- 11.00 *Electrochemical sensors for health monitoring*
Johan Bobacka
Johan Gadolin Process Chemistry Center and Faculty of Science and Engineering,
Åbo Akademi University
- 11.30 *Single molecule detection of biomarkers*
Eleonora Macchia
Università degli studi di Bari “Aldo Moro”
Åbo Akademi University
- 12.00 *DNA origami based electronics and plasmonics*
Jussi Toppari
Nanoscience Center , Jyväskylä University
- 12.30 *Lunch*
- 13.30 *Current-driven organic electrochemical transistor for bioelectronics applications”*
Fabrizio Torricelli
Department of Information Engineering, Università’ di Brescia
- 14.00 *Bioelectric assessment of body-on-chip systems from in-vitro to in-silico*
Jari Hyttinen
Biomedical Engineering, Faculty of Medicine and Health Technology
Tampere University
- 14.30 *Flexible organic radiation sensors for medical applications*
Beatrice Fraboni
University of Bologna
- 15.00 *Coffee Break*
- 15.30 *Programming materials with classical conditioning algorithms*
Olli Ikkala
Aalto University
- 16.00 *Optical stimulation of living cells at the organic semiconductor interface*
Guglielmo Lanzani
Department of Physics, Politecnico di Milano
- 16.30 *“Leonardo Da Vinci and the seed of interdisciplinarity”*
Francesco Giordano
Department of Physics, Università’ “A. Moro” di Bari
- 16.45 *Screening of the short film “Being Leonardo Da Vinci. An Impossible Interview ”*
- 17.15 *Closing remarks*