

SUBMISSION AND REGISTRATION

Submission and registration will be handled via the website at www.europtrode2016.eu

Please note the following dates:

October 1, 2015 Abstract submission deadline

December 1, 2015 Registration opens

December 18, 2015 Notification of acceptance

January 22, 2016 Early bird registration deadline

February 5, 2016 Author registration deadline

REGISTRATION FEES

Full Registration fees cover admission to scientific sessions, poster and industry exhibition, welcome reception, poster reception, coffee breaks, lunches and the conference dinner.

	Registration excl. Conference Dinner	Full Registration
Senior Early Bird Registration	€ 500	€ 560
Senior Registration	€ 560	€ 620
Student Early Bird Registration	€ 230	€ 290
Student Registration	€ 290	€ 350
Accompanying Person Registration	–	€ 110



Welcome to Graz!

CONTACT

Conference administration

Institute of Analytical Chemistry and Food Chemistry
Graz University of Technology
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www.europtrode2016.eu

 **EUROPT[R]ODE**
XIII GRAZ 2016

XIII CONFERENCE ON
OPTICAL CHEMICAL SENSORS AND BIOSENSORS
MARCH 20–23, 2016

Dear Colleague,

We cordially invite you to participate in the **Europt(r)ode XIII – Conference on optical, chemical sensors and bio-sensors**, one of the leading conferences on optical sensors worldwide. The conference will be held March 20 – 23, 2016 at the University of Graz (Graz, Austria).

TOPICS

The main aim of the **Europt(r)ode XIII – Conference** is to give researchers and industrial partners a platform to discuss the following topics:

SENSOR MATERIALS

- New molecular receptors and indicators
- Nanomaterials for optical sensing
- Sustainable sensors and sensor materials (safe, green and efficient sensor materials)
- Biosensor materials

NOVEL SENSING PRINCIPLES

- Plasmonics
- Non-linear optics
- Molecular spectroscopy
- Imaging
- Array technologies
- Luminescence sensors
- Label-free sensing
- Waveguide based sensors

APPLICATIONS OF OPTICAL SENSORS IN

- Environmental monitoring
- Process control and security
- Food analysis
- Medical diagnostics
- Ambient assisted living
- Cellular research
- Lab-on-a-chip
- Biotechnology
- Smart textiles

DEVICES AND INSTRUMENTATION

- Data communication and automation of sensor solutions
- Single-use disposable optical sensors
- Fibre optics
- Miniaturisation and integration
- Lab-on-a-chip

SMART SENSOR PRODUCTION TECHNOLOGIES

- Printed sensors
- Roll-to-roll production
- Packaging
- Additive manufacturing
- Microsystems technology
- Wafer scale fabrication
- Integrated microoptics fabrication

The programme will combine parallel oral sessions, plenary and invited presentations by internationally recognised scientists, as well as poster sessions.

PLENARY SPEAKERS

Michael Strano: Carbon P. Dubbs Professor of Chemical Engineering, Department of Chemical Engineering, Massachusetts Institute of Technology

Ben Zhong Tang: Stephen K. C. Cheong Professor of Science, Chair Professor of Chemistry at The Hong Kong University of Science & Technology

Deirdre Meldrum: Director of the Biodesign Institute at Arizona State University (ASU) and the Center for Biosignatures Discovery Automation

Luis Liz-Marzán: Ikerbasque Research Professor and Scientific Director of CIC biomaGUNE

Michael Kühn: Professor in Aquatic Microbial Ecology at the University of Copenhagen and Adjunct Professor at the University of Technology in Sydney

ORGANISING COMMITTEE

Ingo Klimant (TU Graz), Joachim Krenn (University Graz), Paul Hartmann (JOANNEUM RESEARCH), Torsten Mayr (TU Graz), Sergey Borisov (TU Graz), Stefan Köstler (JOANNEUM RESEARCH), Marco Leiner (MEON), Gerhard Mohr (JOANNEUM RESEARCH), Claudia Preininger (AIT), Heidemarie Kayer (TU Graz)



VENUE

The conference venue will be the University of Graz. The opening plenary lecture on Sunday evening and the welcome reception will be organised in the historical main building, which was erected in 1895. The conference will be held at the “RESOWI Zentrum” in the buildings of the faculty of law. A poster reception with Styrian wine on Monday evening will give the opportunity for discussion and networking. Conference dinner will be served at the Old University (founded in 1607) in the former library hall located in the historic city centre.

Graz is situated about 200 km south-west of Vienna and is very well connected to the most important airport hubs in Europe (Frankfurt, Vienna, Munich). The city of Graz is listed as a UNESCO world heritage site due to its medieval architecture.

