
Call for Papers

We invite you to submit abstracts for oral and poster presentations. The abstracts should be submitted via the abstract submission system on the Conference Homepage only. Abstracts will be evaluated by the scientific committee.

Submission Deadline: 01 April 2017

SCIENTIFIC COMMITTEE

Andreas Fery	<i>Dresden</i>
Burkhard Schulz	<i>Potsdam</i>
Xinliang Feng	<i>Dresden</i>
Rainer Jordan	<i>Dresden</i>
Stefan Mannsfeld	<i>Dresden</i>
Helmuth Möhwald	<i>Potsdam</i>
Ulrich Scheler	<i>Dresden</i>
Alla Synytska	<i>Dresden</i>
Petra Uhlmann	<i>Dresden</i>
Carsten Werner	<i>Dresden</i>

LOCATION

The Leibniz-Institut für Polymerforschung Dresden e.V. organizes the 15th European Conference on Organized Films (ECOF 15). The conference will take place at the Hilton Dresden, directly across from the "Frauenkirche" (Church of our Lady) in the heart of the historic city centre.

Information & Registration

Prof. Dr. Andreas Fery

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*Conference Homepage
for information and registration
<http://www.ipfdd.de/ecof15>*

15th EUROPEAN CONFERENCE ON ORGANIZED FILMS

July 17-20, 2017
Dresden, Germany



About the conference

The 15th European Conference on Organized Films (ECOF 15) adds to a successful series of conferences addressing latest findings and advances in the field of thin and ultrathin organic films as well as nanoscience and -technologies. It will take place in Dresden, a cultural and scenic stronghold on the Elbe river in Germany.

The aim of this meeting is to promote multidisciplinary approaches for a better understanding of fundamental aspects of film formation and organization in the area of basic and applied research. Aside from the synthesis of organic molecules, polymers and novel hybrid materials with tailored properties, this conference deals with the fabrication of mono- and multilayers also highly organized and structured. It covers the investigation of resulting properties (optical, electrical, magnetic and mechanical) also in terms of versatile applications. ECOF 15 will feature general sessions and focus sessions in the areas of **2D materials, biomimetic materials, responsive layers and optoelectronics**.

Therefore the Local Organization Committee invites contributions from all disciplines and all countries that discuss various aspects in the field of thin and ultrathin organic films. ECOF 15 will offer a stimulating environment for an intense exchange of new insights, approaches and to build up new co-operations.

Topics

STRUCTURE

- Biological and biomimetic interfaces
- Langmuir monolayers, LB and LS multilayers
- Lithography and Nano-patterning
- Multilayer architectures
- Nanoparticles, graphene and 2D materials for smart hybrid coatings
- Nanostructures and nanofabricated films
- Organic / inorganic hybrid systems
- Self-assembly and self-organized systems

PROPERTIES

- Adhesion
- Electrical and magnetic properties
- Linear and non-linear optical properties
- Mechanical properties, rheology
- Transport phenomena

APPLICATIONS

- Holography, surface patterning
 - Materials for advanced electronics
 - Molecular recognition and bio-sensing applications
 - Organic storage materials
 - Photovoltaics, plasmonics, photonics, sensors
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Invited Speakers

PLENARY SPEAKERS

Andrea Ferrari

University of Cambridge, UK

Vladimir V. Tsukruk

Georgia Institute of Technology, USA

Joerg Lahann

University of Michigan, USA

Nickolas A. Kotov

University of Michigan, USA

KEYNOTE SPEAKERS

Xinliang Feng

TU Dresden, Germany

Michel Goldman

INSP, France

A. Dieter Schlüter

ETH Zuerich, Switzerland

Aránzazu del Campo

MPI Mainz, Germany

Alla Synytska

IPF Dresden, Germany

Jason Locklin

University of Georgia, USA

Regine von Klitzing

TU Berlin, Germany

Micha Zelzer

University of Nottingham, UK

Ramón A. Álvarez Puebla

Universitat Rovira i Virgili, Catalonia

Christoph J. Brabec

Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany

Dieter Neher

Universität Potsdam, Germany
