

15th European Conference on Organized Films ECOF 15

July 17 – 20, 2017 in Dresden, Germany

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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

Scientific Committee

Andreas Fery – *IPF Dresden*
Burkhard Schulz – *Universität Potsdam*
Xinliang Feng – *TU Dresden*
Rainer Jordan – *TU Dresden*
Stefan Mannsfeld – *TU Dresden*
Helmuth Möhwald – *Max-Planck Institut für Kolloid- und Grenzflächenforschung Potsdam*
Ulrich Scheler – *IPF Dresden*
Alla Synytska – *IPF Dresden*
Petra Uhlmann – *IPF Dresden*
Carsten Werner – *IPF Dresden*

Plenary Speakers

Andrea Ferrari - *University of Cambridge, UK*
A. Dieter Schlüter - *ETH Zürich, Switzerland*
Vladimir V. Tsukruk - *Georgia Institute of Technology, USA*
Joerg Lahann - *University of Michigan, USA*
Nicholas A. Kotov - *University of Michigan, USA*

Keynote Speakers

Xinliang Feng - *TU Dresden, Germany*
Michel Goldmann - *INSP, France*
Aránzazu del Campo Bécáres - *INM Saarbrücken, Germany*
Jürgen Rühle - *Universität Freiburg, Germany*
Alla Synytska - *IPF Dresden, Germany*
Dmitry Volodkin – *Nottingham Trent University, UK*
Regine von Klitzing - *TU Darmstadt, Germany*
Mischa 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*

Venue

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 center.

Organizers

Leibniz-Institut für Polymerforschung Dresden e.V.
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Important Dates

Abstracts Submission Deadline	April 01, 2017
Notification of Acceptance	May 02, 2017
Early Registration Deadline	May 07, 2017