

DELIVERABLE

D4.3

Report on Dutch and German network event



Grant Agreement number: 642861

Project acronym: BioSmartTrainee

Project title: Training in Bio-Inspired Design of Smart Adhesive Materials

Funding Scheme: MSCA-ITN-2014-ETN

Project coordinator name: Dr. Alla Synytska

Tel: +49 351 4658 475

Fax: +49 351 4658 98599

E-mail: synytska@ipfdd.de

Project coordinator organization name: Leibniz-Institut für Polymerforschung Dresden e.V.

Project website address: www.biosmarttrainee.eu

Related to a reporting period: RP 1

Milestone no./name: none

Lead beneficiary: WU

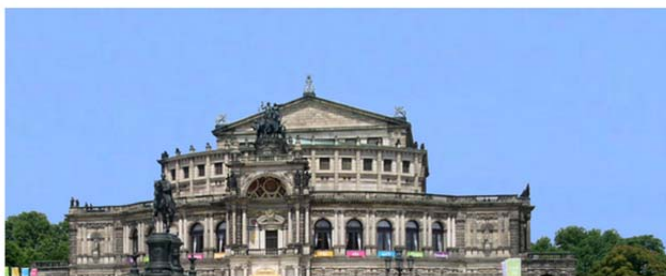
Nature: Public

Dissemination Level: Report

Delivery date from Annex I: M 24

JGNE Joint German Network Event

JGNE Joint German Network wide event was implemented as a BiosmartTrainee session into an international conference ECOF15 held in Dresden from July, 17th to July 20th 2017. The invited talks were delivered by Prof. Aranzazu del Campo (INM), Dr. Gemma Sanders (BASF) and Dr. Alla Synytska (IPF Dresden). The ERSs could present their results during the poster session.



15th European Conference on Organized Films

Dresden, July 17-20, 2017

The 15th European Conference on Organized Films (ECOF15) 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.

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

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

PROPERTIES

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

APPLICATIONS

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

ca. 150 international participants of which 12 from industry

6 industrial exhibitor

<http://www.ipfdd.de/de/veranstaltungen/conferences-and-workshops/ecof15/#c13785>



We are very proud to announce that, within the ECOF international conference, the first poster prize was awarded to ESR6 from INM - Vaishali Chopra who was presenting the first results on her project related to adhesion of micro patterned adhesives on soft substrates.

JDNE Joint Dutch Network Event

The 1st International Conference BioSmartTrainee and the Joint Dutch Network Event will be take place in Wageningen in the frame of the 12th International Conference on *Polyelectrolytes* (27.-31.08.2018). There will be an extra session for the BioSmartTrainee project and its results. The fellows will get the possibility to present their ESR project results during this International Conference in the front of the international audience.



The meeting is the 12th in the ISPD series of conferences started in 1995, on the physics and physical chemistry of polyelectrolytes, with a focus on understanding how electrostatic interactions determine and influence the behaviour of synthetic and biological charged macromolecules in solution, in complexes and at interfaces. We aim at continuing the success of the 11th edition in Moscow (2016) by providing a stimulating forum with prominent keynote and invited speakers, ample opportunities for contributed talks and poster presentations, and plenty of opportunities to discuss and interact with colleagues. Wageningen is conveniently located, just one hour by public transport from Schiphol Amsterdam airport.

International organizing committee

Paul Dubin (Univ. of Massachusetts, Amherst, USA) **Ray Farinato** (Cytec Industries, USA)
Alexei Khokhlov (Moscow State University, Russia) **Serge Stoll** (University of Geneva, Switzerland)
Ulrich Scheler (Leibniz Inst. Polym. Res, Dresden, Germany)

Local organizing committee

Renko de Vries (chair, Wageningen University & Research)
Frans Leemakers (co-chair, Wageningen University & Research)
Eva Oudshoorn (secretariat, Wageningen University & Research, Graduate School VLAG)
Evan Spruijt (Radboud University Nijmegen), **Ilya Voets** (Eindhoven University of Technology)
Jasper van der Gucht, **Marleen Kamperman** (Wageningen University & Research)
Adreas Hermann (University of Groningen), **Simeon Stoyanov** (Unilever)
Wiebe de Vos, **Saskia Lindhout** (University of Twente)

Themes and topics

- Polyelectrolyte Theory and Modeling
- Polyelectrolyte Complex Materials and Complex Coacervation
- Polyelectrolyte Characterization
- Polyelectrolytes and Self-assembly
- Polyelectrolyte Gels and Networks
- Polyelectrolytes in Industrial Applications
- Polyelectrolytes at Interfaces

Keynote speakers

Prof. Michael Rubinstein (University of North Carolina at Chapel Hill, USA)
Prof. Christine Keating (Penn State University, USA)
Prof. Russel Stewart (The University of Utah, USA)

Pre-conference school on Polyelectrolytes

Ahead of the conference, on August 26 and 27, a PhD course will be organized that will be free of charge for PhD students attending the conference, featuring extended tutorial lectures by a selection of the invited and keynote speakers of the conference.

General information

Conference venue is the conference centre Hof van Wageningen, in the city centre of Wageningen. Registration and abstract submission for the conference will open early 2018. Registration fees will include full access to the conference venue, lunches, conference dinner, coffee breaks. Accommodation is not included in the fee.

	until 30 June 2018	after 30 June 2018
Industry/ For-Profit organisations	€ 750	€ 900
Non-profit organisations/Universities	€ 400	€ 500

We are looking forward to welcome you in Wageningen, the City of Life Sciences and the heart of the Dutch Food Valley, and to share a successful and enjoyable meeting with you.

For further information about the congress and for registering for conference updates, contact the conference secretariat: eva.oudshoorn@wur.nl

It is our pleasure to host the ISPD2018 symposium and we look forward to welcoming you.



<http://www.vlaggraduateschool.nl/en/showpages/show/ISP2018.htm#tab6>