

MacroBEGE - Belgian-German (Macro)Molecular Meeting

Confirmed Speakers

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Robust, Efficient and Orthogonal Chemistries for the Synthesis and Functionalization of Bio-based Polymers



Prof. Dr Eric DROCKENMULLER
(UNIVERSITÉ CLAUDE BERNARD LYON 1, Villeurbanne, France)

Combating Diseases with Peptide – Synthetic Polymer Conjugates



Prof. Dr Harm-Anton KLOK
(ECOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE, Lausanne, Switzerland)

Furan Moieties as Trojan Horses for Crosslinking, Labeling and Conjugation of Biomacromolecules



Prof. Annemieke MADDER
(UGENT, Ghent, Belgium)

Functional Responsive Nanoreactors



Prof. Dr Rachel O'REILLY
(THE UNIVERSITY OF WARWICK, Warwick, United Kingdom)

Switchable Polymer Systems for Emerging Applications



Dr Friedrich Georg SCHMIDT
(EVONIK INDUSTRIES AG, Marl, Germany)

Functional Polymersomes Via Kinetic Control and Modular Approaches



Prof. Dr Jan C.M. VAN HEST
(Radboud University Nijmegen, Nijmegen, The Netherlands)

Oral Communications

Self-Folding of Single-Chain Polymers: Towards Synthetic Biomacromolecule Design

Dr Ozcan ALTINTAS
(KARLSRUHE INSTITUTE OF TECHNOLOGY, Karlsruhe, Germany)

Photocleable Block Copolymers as Precursors of Responsive Nanocapsules

Dr Olivier BERTRAND
(UCL, Louvain-la-Neuve, Belgium)

Poly(Lactic Acid)-Graft-Poly(Ethylene Glycol) Copolymers for Bone-Grafting Applications

Ms Dorothee BORCHMANN
(NEW YORK UNIVERSITY, New York, NY, United States)

Design of pH-Responsive Polymers and Polymersomes as Potential Cancer Vaccine Delivery Systems

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Dr Anja CAR
(UNIVERSITY BASEL, Basel, Switzerland)

A Thiolactone Approach to Extend the Realm of Thiol-Click Chemistries in Polymer Science

Ms Fabienne GOETHALS
(UGENT, Gent, Belgium)

Smart Polymer Surfaces by External Stimulated Responsive Switching of Amphiphilic Block Copolymers

Mrs. Daniela HELD
(PSS, Mainz, Germany)

Castor Oil as Starting Material for the Synthesis of Renewable Semi-Crystalline Polyesters and Poly(ester-Amide)s

Mr Thomas LEBARBÉ
(UNIVERSITY BORDEAUX 1, Pessac, France)

Alkyne-Functionalized Wood Cellulose Fibers as Versatile Environment Friendly Precursors Toward Novel Functional Biomaterials

Mr Gino MANGIANTE
(IMP@INSA, VILLEURBANNE, France)

Preparation of Amphiphilic Polymer Networks with Tuneable Swelling and Mechanical Properties by the Mean of efficient Coupling Reactions



Dr Laetitia MESPOUILLE
(UMONS, Mons, Belgium)

Thiol-Yne Chemistry Enabling the Preparation of Structurally Perfect Linear and Hyperbranched Polyvinylsulfides

Mr Robert PÖTZSCH
(LEIBNIZ-INSTITUT FÜR POLYMERFORSCHUNG DRESDEN E.V., Dresden, Germany)

Tailor-Made Degradable Copolymers for the Design of Advanced Drug Delivery Systems

Dr Raphael RIVA
(ULG, Liège, Belgium)

Water-Soluble Polypeptoids

Mr Joshua ROBINSON
(MAX-PLANCK INSTITUTE OF COLLOIDS AND INTERFACES, Potsdam, Germany)

Single-Chain Polymeric Nanoparticles: From Design to Function

Mr Patrick STALS
(EINDHOVEN UNIVERSITY OF TECHNOLOGY, Eindhoven, The Netherlands)

Continuous-Flow Microreactor Technology for the Synthesis of Functional Polymers

Dr Joke VANDENBERGH
(UHASSELT, Diepenbeek, Belgium)

New Coppertunities: Autocatalyzed Crosslinking for Next-Generation Oled-Design

Mr Daniel VOLZ
(KARLSRUHE INSTITUTE OF TECHNOLOGY, Karlsruhe, Germany)

Two Efficient Polymer-Polymer Conjugation Tools for the Post-Polymerization Modification of Acrylate Terminated Polymers

Mr Matthias WINKLER
(KARLSRUHE INSTITUTE OF TECHNOLOGY, Karlsruhe, Germany)

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Precision Polypeptides Derived From Native Proteins for Biomedical Applications

Ms Wu YUZHOU
(UNIVERSITY OF ULM, Ulm, Germany)