

Programme

Monday 15/02/2016

09:30 Registration and Coffee

10:50 Welcome of the participants

Session Chair

Dr Raphaël RIVA
(UNIVERSITÉ DE LIÈGE, Liège, Belgium)

11:00 Static and Dynamic Bioinspired Materials

Dr Andreas WALTHER
(RWTH - DWI AACHEN, Aachen, Germany)

11:40 Robust and Versatile Block Copolymer Membranes via Phase Inversion Processes

Mr Christoph HOERENZ
(FSU JENA, Jena, Germany)

12:00 Performance Parameters of Bisensitive Hydrogels for Microfluidic Applications

Mr Andreas KRAUSE
(LEIBNIZ INSTITUTE FOR POLYMER RESEARCH, Dresden, Germany)

12:20 Uniform and Highly Charged Microgels with Adaptive Hydrophobic Pockets via Emulsion Polymerization

Mr Rahul TIWARI
(DWI – LEIBNIZ-INSTITUT FÜR INTERAKTIVE MATERIALIEN E.V., Aachen, Germany)

12:40 Lunch and Exhibition

Session Chair

Dr Hatice MUTLU
(KARLSRUHE INSTITUTE OF TECHNOLOGY, Eggenstein-Leopoldshafen, Germany)

14:00 Dynamic Single Chain Polymeric Nanoparticles: From Structure to Function

Prof. Anja PALMANS
(TU EINDHOVEN, Eindhoven, The Netherlands)

14:40 Supramolecular Polymers: Influence of Solvent Molecular Structure in Self-Assembly

Mr Bruno GIORDANO ALVARENGA
(UNIVERSITÉ PIERRE ET MARIE CURIE, Paris, France)

15:00 Effect of Supramolecular Assembly and Hydrophilicity on Supramolecular Temperature Sensor

Ms Kanykei RYSKULOVA
(GHENT UNIVERSITY, Gent, Belgium)

15:20 How Supramolecular Assemblies Control Dynamics of Associative Polymers

Mr Hadi GOLDANSAZ
(UCL, Louvain-la-Neuve, Belgium)

15:40 Preparation of Rewritable Materials and Supramolecular Glue from Surface Grafted Polymer Brushes

Mr Oliver ROLING
(WESTFÄLISCHE WILHELMS-UNIVERSITÄT MÜNSTER, Münster, Germany)

16:00 Coffee Break + Poster Session I (even number) + Exhibition

Programme

Session Chair

Dr Antoniya TONCHEVA
(UMONS-SMPC, Mons, Belgium)

- 17:30** **Substituted Indole Components as Thermoreversible Blocking Agents for Triazolinediones**
Mr Hannes HOUCK
(GHENT UNIVERSITY - KARLSRUHE INSTITUTE OF TECHNOLOGY, Ghent, Belgium)
- 17:50** **Reversing Adhesion - A Triggered Release Self-Reporting Adhesive**
Mr Alexander SCHENZEL
(KIT, Karlsruhe, Germany)
- 18:10** **Temperature Dependent Size Exclusion Chromatography for the in Situ Investigation of Dynamic Bonding/Debonding Reactions**
Mr Josef BRANDT
(LEIBNIZ-INSTITUT FÜR POLYMERFORSCHUNG DRESDEN E.V., Dresden, Germany)
- 18:30** **News from the T-Rex**
Dr Friedrich Georg SCHMIDT
(EVONIK INDUSTRIES AG, Marl, Germany)
- 19:30** **Conference Dinner**
- 21:30** **MacroBeGe party**

Programme

Tuesday 16/02/2016

Session Chair

Dr Meike KÖNIG
(KARLSRUHER INSTITUT FÜR TECHNOLOGIE, Eggenstein-Leopoldshafen, Germany)

09:00 Polymeric Systems Based on Dynamic Covalent Chemistry

Dr Renaud NICOLAY
(ESPCI, Paris, France)

09:40 Remoldable Polymer Networks Using 9-Substituted Anthracene Derivatives

Mr Jonas VAN DAMME
(GHENT UNIVERSITY, Gent, Belgium)

10:00 Coffee Break and Exhibition + Poster Session II (odd numbers)

11:20 Chemical Modification of Commercial Rubber - A New Route to Self-Healing Elastomers

Mr Aladdin SALLAT
(LEIBNIZ-INSTITUT FUER POLYMERFORSCHUNG DRESDEN E. V., Dresden, Germany)

11:40 Illuminating the Mechanical Memory of Filled Elastomers

Ms Jessica CLOUGH
(EINDHOVEN UNIVERSITY OF TECHNOLOGY, Eindhoven, The Netherlands)

12:00 Lunch

Session Chair

Dr Dietmar APPELHANS
(LIEBNIZ-INSTITUT FÜR POLYMERFORSCHUNG DRESDEN E.V., Dresden, Germany)

13:30 Multi-Responsive Polymers for Drug Delivery and Sensors

Prof. Richard HOOGENBOOM
(GHENT UNIVERSITY, Ghent, Belgium)

14:10 Creation of Multi-Stimuli Responsive Self-Assembled Block Copolymers Thanks to Catechol/Boronic Acid Chemistry

Ms Fanny COUMES
(UNIVERSITY LILLE 1, Villeneuve d'Ascq, France)

14:30 Dynamic Crosslinking of Epoxidized Natural Rubber

Dr Lucie IMBERNON
(ESPCI, Paris, France)

14:50 Stimuli-Responsive Multicompartmental Particles for Drug Delivery

Dr Sahar RAHMANI
(KARLSRUHE INSTITUTE OF TECHNOLOGY, Eggenstein-Leopoldshafen, Germany)

15:10 Towards Ionic-Based Supramolecular Silicone Materials

Ing Aymeric GENEST
(BLUESTAR SILICONES FRANCE, SAINT-FONS, France)

15:30 Award for oral and poster presentations and closing ceremony

MacroBeGe 2016

Programme

15:45 End of MacroBeGe 2016