MacroBeGe 2016

Programme

Monday February 15, 2016

Registration and Coffee

Welcome of the participants

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

Static and Dynamic Bioinspired Materials
Dr Andreas WALTHER
(RWTH - DWI AACHEN, Aachen, Germany)

Robust and Versatile Block Copolymer Membranes via Phase Inversion Processes
Mr Christoph HOERENZ
(FSU JENA, Jena, Germany)

Performance Parameters of Bisensitive Hydrogels for Microfluidic Applications
Mr Andreas KRAUSE
(LEIBNIZ INSTITUTE FOR POLYMER RESEARCH, Dresden, Germany)

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)

Lunch and Exhibition

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

Dynamic Single Chain Polymeric Nanoparticles: From Structure to Function
Prof. Anja PALMANS
(TU EINDHOVEN, Eindhoven, The Netherlands)

Supramolecular Polymers: Influence of Solvent Molecular Structure in Self-Assembly
Mr Bruno GIORDANO ALVARENGA
(UNIVERSITÉ PIERRE ET MARIE CURIE, Paris, France)

Effect of Supramolecular Assembly and Hydrophilicity on Supramolecular Temperature Sensor
Ms Kanykei RYSKULOVA
(GHENT UNIVERSITY, Gent, Belgium)

How Supramolecular Assemblies Control Dynamics of Associative Polymers
Mr Hadi GOLDANSAZ
(UCL, Louvain-la-Neuve, Belgium)

Preparation of Rewritable Materials and Supramolecular Glue from Surface Grafted Polymer Brushes
Mr Oliver ROLING
(WESTFÄLISCHE WILHELMS-UNIVERSITÄT MÜNSTER, Münster, Germany)

Coffee Break + Poster Session I (even number) + Exhibition

Programme

Session Chair

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

Substituted Indole Components as Thermoreversible Blocking Agents for Triazolinediones

Mr Hannes HOUCK
(GHENT UNIVERSITY - KARLSRUHE INSTITUTE OF TECHNOLOGY, Ghent, Belgium)

Reversing Adhesion - A Triggered Release Self-Reporting Adhesive

Mr Alexander SCHENZEL
(KIT, Karlsruhe, Germany)

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)

News from the T-Rex

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

Conference Dinner

MacroBeGe party

Programme

Tuesday February 16, 2016

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

Polymeric Systems Based on Dynamic Covalent Chemistry
Dr Renaud NICOLAY
(ESPCI, Paris, France)

Remoldable Polymer Networks Using 9-Substituted Anthracene Derivatives
Mr Jonas VAN DAMME
(GHENT UNIVERSITY, Gent, Belgium)

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

Chemical Modification of Commercial Rubber - A New Route to Self-Healing Elastomers
Mr Aladdin SALLAT
(LEIBNIZ-INSTITUT FUER POLYMERFORSCHUNG DRESDEN E. V., Dresden, Germany)

Illuminating the Mechanical Memory of Filled Elastomers
Ms Jessica CLOUGH
(EINDHOVEN UNIVERSITY OF TECHNOLOGY, Eindhoven, The Netherlands)

Lunch

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

Multi-Responsive Polymers for Drug Delivery and Sensors
Prof. Richard HOOGENBOOM
(GHENT UNIVERSITY, Ghent, Belgium)

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)

Dynamic Crosslinking of Epoxidized Natural Rubber
Dr Lucie IMBERNON
(ESPCI, Paris, France)

Stimuli-Responsive Multicompartmental Particles for Drug Delivery
Dr Sahar RAHMANI
(KARLSRUHE INSTITUTE OF TECHNOLOGY, Eggenstein-Leopoldshafen, Germany)

Towards Ionic-Based Supramolecular Silicone Materials
Ing Aymeric GENEST
(BLUESTAR SILICONES FRANCE, SAINT-FONS, France)

Award for oral and poster presentations and closing ceremony

Programme

End of MacroBeGe 2016