

Minisymposium „Supramolecular Polymers“

Venue: Glaspavillon of the University of Duisburg-Essen
Universitätsstr. 12, 45141 Essen, Germany

Date: Monday, December 1, 2014

Organizers: Prof. T. Schrader (Chairman Local GDCh Committee Essen)
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Dr. G. Oenbrink (Chairman Macromolecular Division GDCh)
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10.00 am Start of Registration & Coffee

11.00 am Welcome Address
Prof. U. Radtke, University of Duisburg-Essen, Germany

11.10 am Welcome Address
Prof. T. Schrader & Dr. G. Oenbrink, Organizers

Session 1 – Chair Dr. G. Oenbrink

11.15 am Mechanically coherent, supramolecular monolayer sheets and their covalent counterparts, the 2D polymers
Prof. A.D. Schlüter, ETH Zürich, Switzerland

12.00 am Supramolecular Thermoplastics with 0.5 Pa.s melt viscosity
Prof. F. Tournilhac, ESPCI Paris Tech, France

12.30 pm Responsive crosslinked polymersomes and nanogels for biomedical and microsystem applications
Prof. B. Voit, Technical University Dresden, Germany

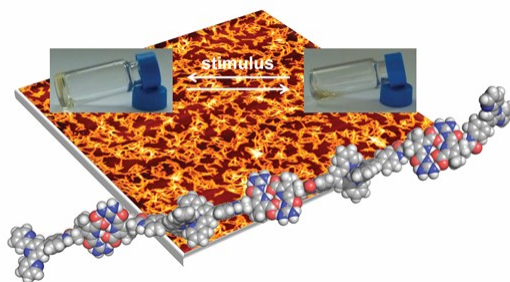
13.00 pm Warm Lunch Buffet

Session 2 – Chair Prof. T. Schrader

- 14.00 pm Multi-stimuli responsive supramolecular gels
Prof. C. Schmuck, University Duisburg-Essen, Germany
- 14.30 pm Chemical DNA nanotechnology: From drug carriers to the synthesis of complex molecules
Prof. A. Herrmann, University of Groningen, Netherland
- 15.00 pm Imprinted polymers and adaptable monolayers: Generic platforms for molecular recognition
Prof. B. Sellergren, University of Malmö, Sweden
- 15.30 pm Coffee Break

Session 3 – Chair Prof. C. Schmuck

- 16.00 pm Supramolecular Biomaterials by Programmed Self-Assembly
Prof. T. Weil, University of Ulm, Germany
- 16.30 pm Stimuli-responsive polymer-based membranes: From model systems to applications
Prof. M. Ulbricht, University Duisburg-Essen, Germany
- 17.00 pm Self-assembly of poly(2-alkyl-2-oxazoline)-based block copolymers and bolaamphiphiles
Prof. F. Schacher, University of Jena, Germany
- 17.30 pm Closing Remarks & Farewell
Dr. G. Oenbrink
- 17.45 pm Informal get-together with Drinks & Snacks
- 19.00 pm End of Symposium



Please register online (no costs!) until 24 November: <https://www.gdch.de/index.php?id=113>