

SupraChem2013 - Program

Westfälische-Wilhelms-Universität Münster

Schloss - Schlossplatz 2 - Room S10 (4th floor!!!)

14 and 15 February 2013

Program for Thursday, 14th February

until 12:30 Arrival, registration & poster setup

12:30 – 12:45 Welcome address (Ravoo/Besenius)

12:45 – 13:30 Prof. Ivan Huc (Bordeaux, F) *Foldamers: expanding the chemical space*

13:30 – 13:55 Prof. Jens Müller (Münster) *Site-specific incorporation of metal ions into nucleic acids*

13:55 – 14:20 Prof. Michael Schmittel (Siegen) *Multiple noninterfering coordination motifs for self-assembled triple-stranded polymers and nanorotors*

14:20 – 14:45 Prof. Gerhard Wenz (Saarbrücken) *Delivery of polynucleotides by cationic cyclodextrin polyrotaxanes*

14:45 – 15:15 Coffee break (Ground floor of the Schloss)

15:15 – 15:30 Dr. Vladimir A. Azov (Bremen) *Switchable molecular architectures based on tetrathiafulvalene building blocks*

15:30 – 15:45 Hendrik Frisch (Münster) *Responsive supramolecular co-polymers*

15:45 – 16:00 Muxin Han (Göttingen) *Active control of cavity size and shape in coordination cages*

16:00 – 16:15 Dr. María José Mayoral (Würzburg) *Self-assembly of metallosupramolecular π -systems: coordination geometry-driven tuning of cooperativity*

16:15 – 16:40 Prof. Werner Nau (Bremen) *Chemistry inside molecular containers in the gas phase*

16:40 – 17:05 Prof. Berthold Kersting (Leipzig) *Cavitands Incorporating chelating Lewis Acid Functionality: Discrimination of the Halide Ions by the Naked Eye*

17:05 – 17:30 Prof. Arne Lützen (Bonn) *Gradually shaping chiral curvature by supramolecular means*

17:30 – 20:00 Poster session (Ground floor of the Schloss)

20:00 Conference dinner (Schlossgarten Restaurant)

Program for Friday, 15th February

9:00 – 9:45 Prof. Harry Anderson (Oxford, UK) *Molecular wires and nanorings*

9:45 – 10:10 Prof. Christoph Schalley (FU Berlin) *Programmable, ordered multilayers of nanometer-sized macrocycles on solid support and stimuli-controlled on-surface pseudorotaxane formation*

10:10 – 10:35 Prof. Stefan Kubik (Kaiserslautern) *Evaluation of cyclodextrin derivatives as scavengers for the detoxification of chemical warfare agents*

10:35 – 11:00 Prof. Burkhard König (Regensburg) *Dynamic receptor recruiting in membranes - Towards a universal molecular imprinting*

11:00 – 11:30 Coffee break (Ground floor of the Schloss)

11:30 – 11:45 Frank Biedermann (Bremen) *High affinity receptors through “high-energy” water release*

11:45 – 12:00 Sabine Himmelein (Münster) *A supramolecular polymeric hydrogel containing cyclodextrin vesicles as non-covalent cross-linkers*

12:00 – 12:15 Dr. Stefan M. Huber (München) *Multidentate halogen-bond donors for anion recognition and organic synthesis*

12:15 – 12:30 Dr. Angel J. Jimenez (Würzburg) *Impact of molecular packing on the distortion of the π -scaffold of 1,7-diphenoxy-perylene bisimide*

12:30 – 12:45 Dr. Maarten M. J. Smulders (Enschede, NL) *Integrative self-sorting synthesis of a self-assembled metal-organic $Fe_8Pt_6L_{24}$ cubic cage*

12:45 – 13:00 Prof. Evgeny_Kataev (Chemnitz) *Anion-templated irreversible covalent macrocyclization*

13:00 – 13:45 Lunch break (Ground floor of the Schloss)

13:45 – 14:30 Prof. Jan van Esch (Delft, NL) *Dynamic surfactants, polymers, and networks: in control of soft matter properties by dynamic covalent and dissipative self-assembly*

14:30 – 14:55 Dr. Cristian Strassert (Münster) *Aggregation matters - From planar photosensitizers and electroluminescent materials to organo- and hydrogels*

14:55 – 15:20 Prof. Ulrich Lüning (Kiel) *Dynamic covalent chemistry and multiple hydrogen bonds for orthogonal (supra)molecular self assembly*

15:20 – 15:50 Coffee break (Ground floor of the Schloss)

15:50 – 16:15 Dr. Gustavo Fernandez (Würzburg) *Cooperative self-assembly and self-sorting of oligophenyleneethynylene (OPE) derivatives*

16:15 – 16:40 Dr. Michael Mastalerz (Ulm) *Permanent porous materials by self-assembly of discrete organic molecules*

16:40 – 17:05 Prof. Carsten Schmuck (Essen-Duisburg) *Self-assembling zwitterions: Building blocks for switchable nanoassemblies*

17:05 Closing remarks

17:15 End of conference