



Conference Location

Institut für Anorganische Chemie, RWTH Aachen
Hörsaal der Anorganischen und Organischen Chemie
Landoltweg 1 (Building 2020)
52074 Aachen
Germany

Program Schedule

Sunday, February 12, 2017

18:00 - 20:00 Informal Get-Together
Institut für Anorganische Chemie, RWTH Aachen
Room 202
Landoltweg 1 (Building 2020)
52074 Aachen Germany

Monday, February 13, 2017

8:00 - 8:15	Welcome Remarks
8:15 - 9:00	Keynote Lecture Luisa De Cola , Université de Strasbourg, Strasbourg/F To <i>Be Announced</i>
9:00 - 9:20	Jochen Niemeyer , Universität Duisburg-Essen, Essen/D <i>Asymmetric organocatalysis with a bifunctional chiral [2]catenane</i>
9:20 - 9:40	Frank Biedermann , Karlsruhe Institute of Technology, Karlsruhe/D <i>Supramolecular Sensing Ensembles: More Information through Communication</i>
9:40 - 10:00	Andreas Hennig , Jacobs University, Bremen/D <i>Phosphorylation-Sensitive Peptide Recognition by Calixarenes Affords Selective Activation of Membrane Transport and Label-Free, Fluorescent Kinase Assays</i>
10:00 - 10:05	Group Photo

Coffee Break

- 10:30 - 10:50 **Stefan Sinn**, Université de Strasbourg, Strasbourg/F
Highly Luminiscent Virus Like Particles (VLP) through the encapsulation of Pt(II) Amphiphiles
- 10:50 - 11:10 **Mark Johnstone**, Technische Universität Dortmund, Dortmund/D
Endohedral Functionalization of [M2L4] Coordination Cages for Catalysis
- 11:10 - 11:30 **Carolina von Eßen**, RWTH Aachen University, Aachen/D
To Be Announced
- 11:30 - 11:50 **Burkhard König**, Universität Regensburg, Regensburg/D
Photoredox Catalysis in Supramolecular Assemblies
- 11:50 - 12:10 **Jens Voskuhl**, Universität Duisburg-Essen, Essen, Germany
Novel Luminophors for Biomedical Applications

Lunch Break

- 14:00 - 14:45 Keynote Lecture
Mike Hannon, University of Birmingham, Birmingham/UK *To Be Announced*
- 14:45 - 15:05 **Christian Heid**, Universität Duisburg-Essen, Essen/D
New Approaches to non-symmetric Molecular Tweezers with additional recognition unit for Protein Surface Recognition
- 15:05 - 15:25 **Christian Schneider**, Technische Universität Kaiserslautern, Kaiserslautern/D
New Sulfonated Calix[4]arene Derivatives to Effectively Detoxify VX and Other VType Nerve Agents

Coffee Break

- 16:00 - 16:20 **Florian Beuerle**, Universität Würzburg, Würzburg
Microtubular Self-Assembly of Covalent Organic Frameworks
- 16:20 - 16:40 **Tobias Beck**, RWTH Aachen University, Aachen/D
Self-assembly of charged protein containers into highly ordered biohybrid materials
- 16:40 - 17:00 **Niklas Struch**, Universität Bonn, Bonn/D
The interplay of supramolecular interactions and spin states
- 17:00 - 17:20 **Christoph Bannwart**, Universität Bonn/D
A robust and accurate tight-binding method for structures and energies of supramolecular complexes
- 17:20 - 17:40 **Max von Delius**, Friedrich-Alexander-Universität, Erlangen/D
Adaptive Behaviour of Orthoester Cryptands

Poster Session

Tuesday, February 14, 2017

- 8:15 - 9:00 Keynote Lecture
Kay Severin, École polytechnique fédérale de Lausanne, Lausanne/CH
Boronic Acids in Structural Supramolecular Chemistry
- 9:00 - 9:20 **Lukas Stricker**, Westfälische-Wilhelms-Universität Münster, Münster/D
Arylazopyrazoles: Improved Molecular Switches for Supramolecular Systems
Wilke de Vries, Westfälische-Wilhelms-Universität Münster, Münster/D
Supramolecular Redox-Responsive Polymer Nanocontainers for a Triggered Intracellular Release of Hydrophilic Payload
- 9:20 - 9:40 **Christoph Burkhardt**, Universität Duisburg-Essen, Essen/D A
Light- and Electricity-Driven Molecular Pushing Motor
- 9:40 - 10:00 **Michael Mastalerz**, Ruprecht-Karls-Universität Heidelberg, Heidelberg/D
The role of chirality in formation of self-sorted covalent cages and giant hydrogen-bonding capsules

Coffee Break

- 10:30 - 10:50 **Michael Schmittl**, Universität Siegen, Siegen/D
Dynamic Supramolecular Machinery: Nanoswitches and nanorotors in motion
- 10:50 - 11:10 **Bart Jan Ravoo**, Westfälische-Wilhelms-Universität Münster, Münster/D
Photo- and magneto-responsive self-assembly of nanoparticles
- 11:10 - 11:30 **Anna McConnell**, Christian-Albrechts-Universität zu Kiel, Kiel/D
Metal-Organic Cages: Expanding the Toolbox of Stimuli-Responsive Behaviour
- 11:30 - 11:50 **Evgeny Kataev**, Technische Universität Chemnitz, Chemnitz/D
New life for azacryptands: fluorescence sensing of anions in water
- 11:50 - 12:10 **Marianne Engeser**, Universität Bonn, Bonn/D
One-electron reduction of isolated metallo-supramolecular aggregates
- 12:10 - 12:30 **Carsten Schmuck**, Universität Duisburg-Essen, Essen/D
To Be Announced

- 12:20 - 13:00 Presentation Prizes and Closing Remarks Coffee