

Monday, September 15th, 2025

08:15 – 09:00	Registration
09:00 – 09:10	Prof. Dr. Karina Morgenstern - Opening remarks -
Session 1	Chaired by Prof. Dr. Guido Clever
09:10 – 09:50	Prof. Dr. Makoto Fujita University of Tokyo, Japan <i>Title: Molecular Confinement Effects by Self-Assembled Cages</i>
09:50 – 10:30	Prof. Dr. Agnieszka Szumna University of Warsaw, Poland <i>Title: Various faces of confinement – from selectivity modulation to chirality amplifications</i>
10:30 – 11:00	Coffee break
11:00 – 11:20	Dr. Aleksandr S. Mikherdov Technische Universität Dortmund, Germany <i>Title: Low-Symmetry and Heterometallic Mechanically Interlocked Coordination Cages</i>
Session 2	Chaired by Prof. Dr. Martina Havenith
11:20 – 12:00	Prof. Dr. Laura Fumagalli University of Manchester, UK <i>Title: Unraveling the dielectric properties of interfacial and nanoconfined water</i>
12:00 – 13:30	Group picture and lunch break (dining hall)
Session 3	Chaired by Prof. Dr. Christian Merten
13:30 – 14:10	Prof. Dr. Yunjie Xu University of Alberta, Canada <i>Title: Unveiling New Chiral Phenomena in Atomically-Precise Metal Clusters and at Binary Organic/Water Interfaces</i>
14:10 – 14:50	Prof. Dr. Jochen Niemeyer Universität Duisburg-Essen, Germany <i>Title: Supramolecular strategies towards confined organocatalysts</i>
14:50 – 15:20	Coffee break
15:20 – 15:40	Dr. Julien F. Rowen Ruhr-Universität Bochum, Germany <i>Title: Stabilization of Carbenes and Nitrenes by Confinement</i>
15:40 – 16:20	Prof. Dr. Rebecca K. Pittkowski University of Copenhagen, Denmark <i>Title: High surface area electrocatalysts for energy conversion reactions: effects of confinement in 0D and 3D systems</i>
16:20 – 17:10	Flash presentations
17:10 – 19:00	Poster session I (snacks and drinks)

Tuesday, September 16th, 2025

Session 4	Chaired by Prof. Dr. Lars Schäfer
09:00 – 09:40	Prof. Dr. Gregori Ujaque Perez Universitat Autònoma de Barcelona, Spain <i>Title: Molecular Modeling of Confined Spaces in Nanocages</i>
09:40 – 10:20	Prof. Dr. Fernanda Duarte University of Oxford, UK <i>Title: Computational Modelling of Supramolecular Metallo-organic Cages: Challenges and Opportunities</i>
10:20 – 10:50	Coffee break
10:50 – 11:10	Mercè Alemany Chavarria Universitat Autònoma de Barcelona, Spain <i>Title: A Computational Study on Encapsulated Guest's Shuttle and Rocking Movements</i>
11:10 – 11:30	Gers Tusha Ruhr-Universität Bochum, Germany <i>Title: Computational Investigation of Urea Macrocyclization under Cavitand Confinement in Water: From Ab Initio to Machine Learning</i>
11:30 – 12:50	Lunch break (dining hall)
Session 5	Chaired by Dr. David van Craen
12:50 – 13:30	Dr. Hennie Valkenier Université libre de Bruxelles, Belgium <i>Title: Synthetic Anion Transporters as Tools for Chemistry in Liposomes and Lipid Membranes</i>
13:30 – 14:10	Dr. Bernd Schmidt Heinrich-Heine-Universität Düsseldorf, Germany <i>Title: Fluorinated Cages and Macrocycles as Organic Materials</i>
14:10 – 14:30	Dr. Ponmani Jeyakkumar Nanjing University of Aeronautics and Astronautics, China <i>Title: Pillar[5]arene-based Multicomponent Supramolecular Metallacycles and Cages for Visible-Light Driven Hydrogen Generation</i>
14:30 – 15:00	Coffee break
Session 6	Chaired by Prof. Dr. Karina Morgenstern
15:00 – 15:40	Prof. Dr. Thomas Michely Universität zu Köln, Germany <i>Title: Confined material synthesis using graphene</i>
15:40 – 16:20	Dr. Giada Franceschi Technische Universität Wien, Austria <i>Title: Probing Mineral Carbonation with nc-AFM</i>
16:20 – 17:10	Flash presentations
17:10 – 19:00	Poster session II (drinks)
19:00	Conference Dinner

Wednesday, September 17th, 2025

Session 7	Chaired by Prof. Dr. Poul Petersen
09:00 – 09:40	Prof. Dr. Dennis Hore University of Victoria, Canada <i>Title: Local Electronic Structure Information for Adsorbates at Aqueous Interfaces</i>
09:40 – 10:20	Prof. Dr. Julianne Gibbs University of Alberta, Canada <i>Title: pH Evolution of the Electrical Double Layer at Charged Oxide/Electrolyte Interfaces</i>
10:20 – 10:50	Coffee break
Session 8	Chaired by Prof. Dr. Marialore Sulpizi
10:50 – 11:30	Dr. Yair Litman University of Cambridge, UK <i>Title: Molecular Strategies for Confinement-Controlled Water Structure and Chemistry</i>
11:30 – 11:50	Qixuan Li Ruhr-Universität Bochum, Germany <i>Title: Role of acids in stabilizing Reverse Micelles: case of Dodecyl Sulfate</i>
11:50 – 13:20	Lunch break (dining hall)
Session 9	Chaired by Prof. Dr. Axel Rosenhahn
13:20 – 14:00	Prof. Dr. Tomohiro Hayashi Tokyo Institute of Technology, Japan <i>Title: Water-induced interaction in a confined region at biointerfaces</i>
14:00 – 14:40	Dr. Lisa Schardt Technische Universität Wien, Austria <i>Title: Yoghurt Cups to Tire Wear: Investigating Secondary Microplastic Generation</i>
14:40 – 15:00	Prof. Dr. Karina Morgenstern - Closing remarks -