

Winterfeldt Award



09.07.2025, 16:15h OCI Lecture Hall

- 16:15 Uhr **Benjamin Botev** (ACI): *A Versatile Route to Shape Polymer Nanoparticles by Deforming Nanoreactors Made from Magnetic Surfactants*
- 16:30 Uhr **Elisabeth Fetter** (ACI): *WASA 3D electron diffraction: A novel approach to analyse nanoparticle-based superstructures by correlating their atomic- and superstructure*
- 16:45 Uhr **Luis Alvarez** (PCI): *Electrochemical treatment of Organic UV filters in aqueous environments: an AIMD approach*
- 17:00 Uhr Break: *Snacks and Drinks*
- 17:15 Uhr **Merle Wellmann** (ACI): *Oxygen Permeation Enhancement in $\text{La}_2\text{NiO}_{4+\delta}$ Membranes Through Nanorod-Based Crystal Facet Engineering and Microemulsion-Based Synthesis*
- 17:30 Uhr **Thanh Phuong Vu** (IESW)
Degradation potential of Pesticide-degrading enrichment cultures from soil
- 17:45 Uhr **Manuel Kizakis** (OCI): *Synthesis of 17,13-Friedocycloartane Fortunefuroic Acid I employing Radical-Polar Crossover Logic*

Audience voting at
the end of each day

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- 16:15 Uhr **Henry Struwe** (OCI): *Novel Oxidised Terpenoids – A Chemoenzymatic Approach*
- 16:30 Uhr **Maximilian Bauer** (OCI): *Synthetic Efforts toward Physangulidine A and other Withanolides*
- 16:45 Uhr **Daniel Kallen** (PCI): *Quantum Chemical Investigations of the Catalytic Cycle of the Buchwald-Hartwig Amination*
- 17:00 Uhr Break: *Snacks and Drinks*
- 17:15 Uhr **Ralf Büchel** (PCI): *Ab Initio Simulation of Photoreactions*
- 17:30 Uhr **Lasse Prawitt** (TMC, Hamburg): *Combined impact of pH, catalyst, and strongly non-ideal solvent mixtures (SNISMs) towards boosting acid-catalysed reactions*
- 17:45 Uhr **Tobias Henning** (ACI): *Novel pcd-UiO-66-Urea MOF for the selective adsorption and detection of nitro compounds*

18:15 Award Ceremony

18:30 Socialising and networking
sponsored by VCI Nord

