

Seminarreihe – Focus Materialchemie

Wednesdays 16:00 - Presentations are transmitted from the seminar room Lehar02 to ZOOM.

Program wintersemester 23/24

04. 10. 2023: Scaleable Chemical Vapour Deposition of Monolayer Graphene Films on Iron, Bernhard Fickl, IMC – TU Wien, supervised by Bernhard Bayer-Skoff. !@ Seminarraum Lehar 01 - BC01

online only 11. 10. 2023: Precise active sites for a unique performance: cluster catalysts in the electrochemical CO₂ conversion, Cedric David Koolen, Laboratory of Materials for Renewable Energy – EPFL, invited by Noelia Barrabés.

18. 10. 2023: Partial oxidation of methane (POM) on perovskites, Leonard Atzl, IMC – TU Wien, supervised by Günther Rupprechter.

25. 10. 2023: New insights on high altitude aerosols from single particle measurements, !@ HS Motorensymposium - BD02 Daniel J. Cziczo, Department of Earth, Atmospheric, and Planetary Sciences – Purdue University, invited by H. Grothe & D. Stolzenburg. in association with the Kick-Off Event: Vienna Research Group on *Atmosphere-Citysphere-Aerosol-Interactions*

Thursday, 16. 11. 2023 13:00: Electronic Structure Analyses of Iron Complexes for Electrocatalytic Oxygen Reduction, !@ Sem. Raum BA 02B Vera Krewald, Department of chemistry, theoretical chemistry - TU Darmstadt invited by Maren Podewitz.

Monday, 20. 11. 2023: Mixed Metal Nanoparticles Created in Superfluid Helium Droplets, Wolfgang E. Ernst, Institute of Experimental Physics – TU Graz invited by Günther Rupprechter.

29. 11. 2023 14:00: Site-communication in hydrogenation reactions over dilute alloy nanoparticle, Henrik Grönbeck, Department of Physics and Competence Centre for Catalysis - Chalmers invited by Günther Rupprechter. In association with MECS Cluster of Excellence

29. 11. 2023 16:00: E-Mobility versus E-Fuels Mobility, or both? Niyazi Serdar Sariciftci, Institute of Physical Chemistry and Linz Institute for Organic Solar Cells – JKU, invited by Dogukan Apaydin.

06. 12. 2023: Automated Quantum Chemical Microsolvation in Arbitrary Solvents, Lukas Magenheimer, IMC – TU Wien, supervised by Maren Podewitz.

13. 12. 2023: Ethylene hydrogenation on HOPG supported Ag, Au and Cu: surface science and model catalysis, Thomas Wicht, IMC – TU Wien, supervised by Günther Rupprechter.

20. 12. 2023: Fundamental studies of surface chemistry, structure, and catalytic activity of Fe-based spinel nanoparticles, Michael Pittenauer, IMC – TU Wien, supervised by Karin Föttinger.

10. 01. 2024: (Nano)spectroscopic signatures of intricate relations between 2D layers and their substrate, Otakar Frank, Department of Electrochemical Materials – J. Heyrovsky Institute of Physical Chemistry, invited by Bernhard Bayer-Skoff.

17. 01. 2024: TBA, Hidetsugu Shiozawa, Department of Low-dimensional Systems – J. Heyrovsky Institute of Phys. Chem., invited by Bernhard Bayer-Skoff.

24. 01. 2024: Understanding Uncertainties in Neural-Network Force Fields, Michael Ketter, IMC – TU Wien, supervised by Georg Madsen.

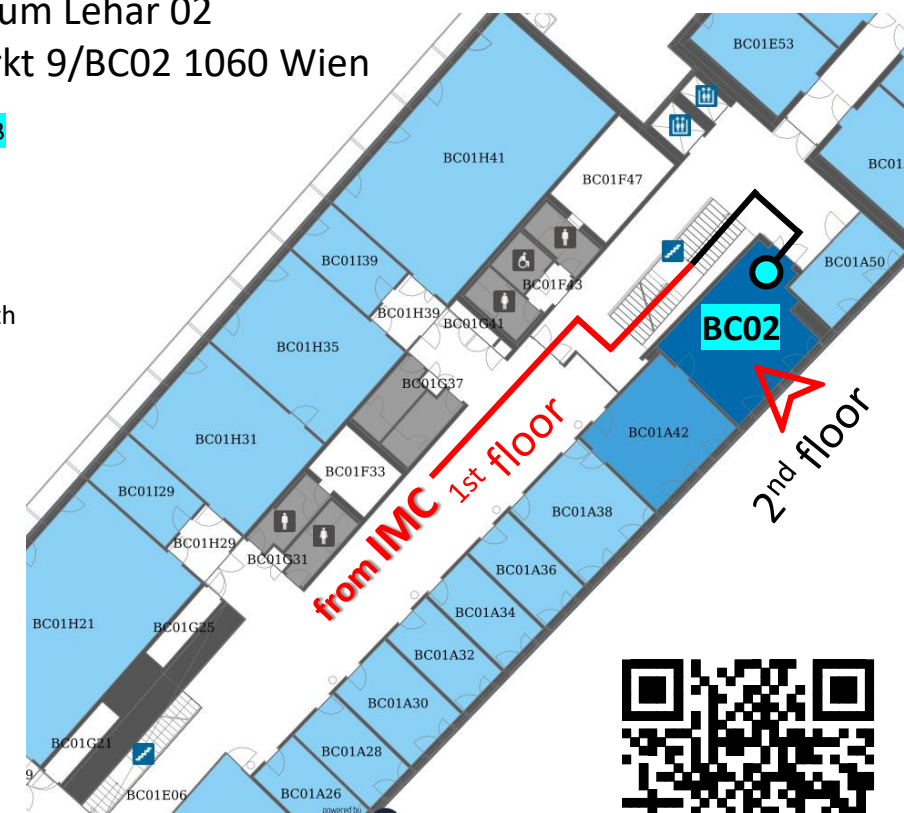
24. 01. 2024: Synthesis of metal organic frameworks by use of atomic layer deposition, Jakob Rath, IMC – TU Wien, supervised by Bernhard Bayer-Skoff.

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For questions please contact:
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(with waiting room)



as of 06. 11. 2023