

Seminarreihe – Focus Materialchemie

Wednesdays 16:00 - Presentations are transmitted from the seminar room Lehar01 to ZOOM.

Program summer semester 2024:

06. 03. 2024: Design and synthesis robust catalysts: A study trip from nanoparticulate catalyst to single atom alloy
Junjie Shi, IMC – TU Wien, Marie-Curie Fellow.

20. 03. 2024: Computational modelling of bimetallic nanoparticles
Konstantin Neyman, ICREA & Universitat de Barcelona, invited by Günther Rupprechter,
hosted by MECS – Cluster of Excellence.

MECS

10. 04. 2024: Fundamental studies of surface chemistry, structure, and catalytic activity of Fe-based spinel nanoparticles
Michael Pittenauer, IMC – TU Wien, supervised by Karin Föttinger.

Kinetics and mechanistics studies of glycerol hydrogenolysis over bifunctional catalysts
Francesco Valentini, IMC – TU Wien, supervised by Karin Föttinger.

17. 04. 2024: How to prepare a good talk
Konstantin Neyman, ICREA & Universitat de Barcelona, invited by Alexander Genest.

24. 04. 2024: Exploring Phosphine Ligation States through QM/MM Simulations with Equivariant Graph Neural Networks
Eva Doloszeski, IMC – TU Wien / ETHZ, supervised by Georg Madsen.

Development of oxide semiconductor junctions using high-throughput and machine-learning approaches
Maximilian Wolf, IMC – TU Wien / AIT, supervised by Georg Madsen.

25. 04. 2024: Multimodal and multiscale analysis of complex biomaterials: optimization and constraints of infrared nanospectroscopy measurements
Margaux Petay, FM-IR Lab Institut de Chimie Physique CNRS - Université Paris-Saclay,
Thursday Vortmann HS hosted by Seminar „Moderne Analytische Chemie“.

08. 05. 2024: Metal-organic hybrid photocatalysts for energy and environmental applications
Stephen Myakala, IMC – TU Wien, supervised by Alexey Cherevan.

Formic acid photoelectroreforming on bismuth vanadate based catalysts
Stefan Pfaffel, IMC – TU Wien, supervised by Dominik Eder.

22. 05. 2024: Modeling Interstellar Chemical Factories in the Laboratory:
Insights into the Interstellar Formation of H₂ and Interstellar Complex Organic Molecules
György Taczay, Institute of Chemistry, Eötvös University, Budapest, invited by Hinrich Grothe.

05. 06. 2024: TBA
Ulrich Aschauer, Paris Lodron University Salzburg, invited by Aleix Comas Vives.

26. 06. 2024: Gold Nanoclusters as Homogeneous and Heterogeneous Catalysts for Selective Hydrogenation
Rares Banu, IMC – TU Wien, supervised by Noelia Barrabés.

Ligand and support effect on supported Au nanoclusters in selective hydrogenation of alkynes
Lisa Lenz, IMC – TU Wien, supervised by Noelia Barrabés.

03. 07. 2024: TBA
Elif Kahraman, IMC – TU Wien, supervised by Dominik Eder.

Latest program to find under:

<https://www.tuwien.at/tch/imc/institutsseminar>

For questions please contact:

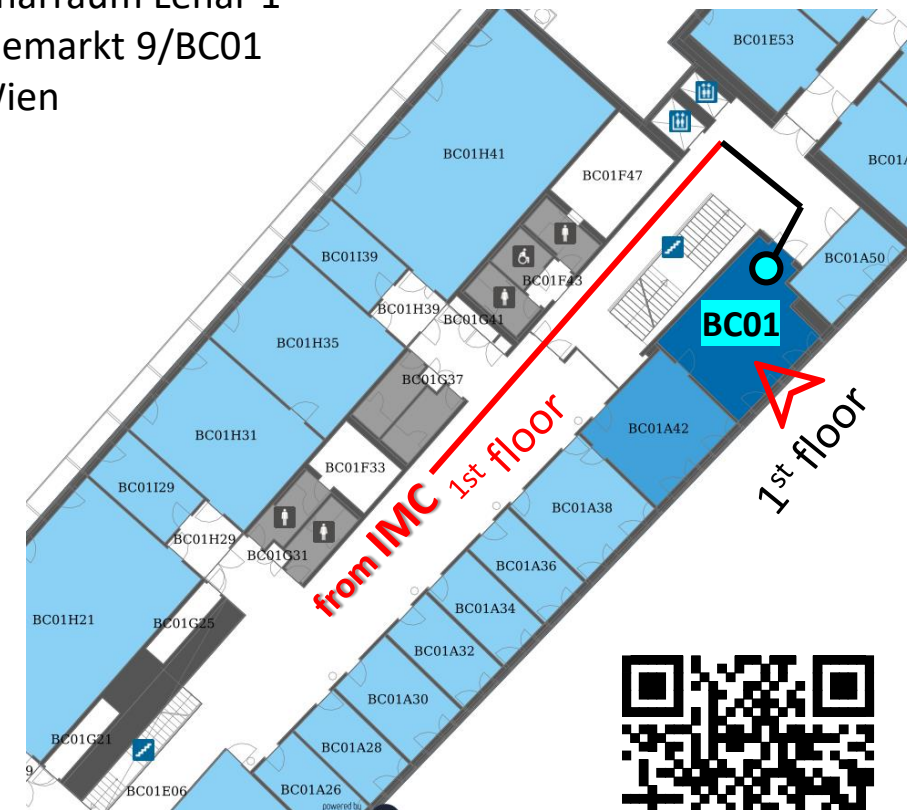
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(with waiting room)



as of 10. 04. 2024