RUHR-UNIVERSITÄT BOCHUM

Center for Theoretical Chemistry

RUB

Theoretical Chemistry Colloquia (SS 2025)

Time: Wednesdays 14:15, Location: Seminarraum NC 5/99

16. 04. 2025	**Professor Stephan Schlemmer**, Universität zu Köln, I. Physikalisches Institut *Missing ions in laboratory and in space* (Joint seminar with EXC 2033 "RESOLV")
30. 04. 2025	**Professor Mira Todorova**, Max Planck Institute for Sustainable Materials, Düsseldorf *Potential dynamics and reactions at electrochemical interfaces studied by ab initio supercell calculations* (Joint seminar with EXC 2033 "RESOLV")
07. 05. 2025	**Dr. Ulrich Meier**, IQM Quantum Computers, München *The Basis Concepts of Quantum Computing* (Joint seminar with EXC 2033 "RESOLV")
14. 05. 2025	**Professor Felipe Fantuzzi**, University of Kent, School of Chemistry and Forensic Science, United Kingdom *From Chemical Bonds to Interstellar Space: Contributions from Theory* (Joint seminar with EXC 2033 "RESOLV")
21. 05. 2025	**Professor Jagannath Mondal**, Tata Institute of Fundamental Research, Hyderabad, Indien *Generative machine learning approach in biomolecular Simulation* (Joint seminar with EXC 2033 "RESOLV")
04. 06. 2025	**Professor Andreas Köhn**, Universität Stuttgart, Theoretische Chemie, Stuttgart *Coupled-cluster theory for multiconfigurational states - are we there yet?*
18. 06. 2025	**Dr. Dorothea Golze**, Technische Universität Dresden, Computational Chemistry and Physics *Accurate theoretical spectroscopy methods for complex materials* (Joint seminar with EXC 2033 "RESOLV")
Cancelled 25. 06. 2025"	**Professor Shirin Faraji**, Heinrich Heine-Universität Düsseldorf, Theoretische Chemie und Computerchemie, Düsseldorf *Databased accelerated on-the-fly hybrid quantum/classical* (Joint seminar with EXC 2033 "RESOLV")
09. 07. 2025	**Professor Patrick Rinke**, Technische Universität München, School of Natural Sciences, München *Machine-learning accelerated catalyst discovery and characterization* (Joint seminar with EXC 2033 "RESOLV")
16. 07. 2025	**Marvin Friede**, Universität Bonn Mulliken Center for Theoretical Chemistry, Bonn *dxtb an efficient and fully differentiable framework for extended tight-binding* (Speaker Exchange Program Bonn/Bochum)

gez. Die Dozenten der Theoretischen Chemie

Guests are most welcome!