Posters
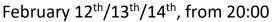
Poster Sessions:
February 12th/13th/14th, from 20:00

Viktor Birschitzky — Machine Learning the Polaron-Defect Interaction: Oxygen Vacancies on Rutile $TiO_2(110)$

Florian Buchner — The Elusive $Fe_2O_3(1\text{-}102)$ 2×1 Reconstruction: New Prediction Strategies

Alessandro Coretti — Learning Mappings between Equilibrium States of Liquid Systems

Peter Kovacs — Translation- and Rotation-Invariant Descriptor-Based GAN for Novel Structure Prediction

Lorenz Lindenthal — Exsolution from Dually Doped Perovskite Oxides

Christoph Rameshan — Transformations in Teaching: Utilizing Virtual Reality in the Chemistry Lab Course

Erik Rheinfrank — $La_{0.8}Sr_{0.2}MnO_3(001)$ Thin Films: A 4-Fold Quasicrystal?

Florian Schrenk — Investigating CO_2 Activation with Perovskite Oxides by Combining NAP-XPS and Impedance Spectroscopy

Andreas Tröster — Hard antiphase domain boundaries in strontium titanate unravelled using machine-learned force fields

Nico Unglert — Neural-Network-Based Nested Sampling for Efficient Exploration of Configuration Space: A Silicon Case Study

Thomas Wicht — Partial Oxidation of Methane over Nickel Supported on $MgO\text{-}ZrO_2$ Solid Solutions

Moritz Zelenka — A mountain of photocatalysts: Interfacial structures and open questions