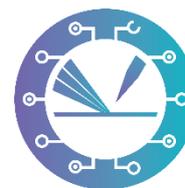




Posters



Thomas Ruh (P01)	Sparkling Science 2.0 – CO ₂ Conversion with Citizen Scientists
Jan Balajka (P02)	Structure of Anatase TiO ₂ (001) in Aqueous Environment
Giada Franceschi (P02)	Nc-AFM Studies of Pristine Mineral Surfaces and their Interactions with Water
Alexander Imre (P02)	Modern LEED I(V): The Vienna Package for TensErLEED
Erik Rheinfrank (P02)	La _{0.8} Sr _{0.2} MnO ₃ (001) Thin Films: A 4-fold Quasicrystal
Carolin Faller (P03)	Long-Range Electrostatic Descriptors and Radial Basis Functions for Machine-Learning Force Fields
Moritz Eder (P04)	Chromium on Fe ₃ O ₄ (001) as Model System for the Water-Gas Shift Reaction
Chunlei Wang (P04)	Atomic-Level Studies of C ₂ H ₄ and CO on Rh ₁ -Decorated Fe ₃ O ₄ (001)
Marco Corrias (P07)	Automatic Real-Space Lattice Extraction for AFM Images
Viktor Birschtzky (P07)	Machine Learning for Exploring Small-Polaron Configurational Space
Yvan J. O. Ascencios (P08)	Partial Oxidation of Methane over Nickel Catalysts Supported on MgO-ZrO ₂ Solid Solutions
Parinya Tangpakonsab (P08)	Modelling of CO Adsorption at CuO and Cu ₂ O Surfaces
Thomas Wicht (P08)	Nickel-Loaded Mixed Porous Metal Oxide Catalyst for CO ₂ Reforming of CH ₄ : XPS, DRIFTS, and Reactor Studies
Nevzat Yigit (P08)	Active Sites and Deactivation of Room-Temperature CO Oxidation on Co ₃ O ₄ Catalysts: Combined Experimental and Computational Investigations
Florian Buchner (P09)	Adatom Geometries for Single-Atom Catalysis on Hematite Predicted by an Evolutionary Strategy
Ralf Wanzenböck (P09)	Neural-Network-Backed Evolutionary Search for SrTiO ₃ Surface Reconstructions
Michael Pittenauer (P10)	Reactivity of Co- and Ni-Ferrites in CO Oxidation, Water-Gas and Reverse Water-Gas Shift Reaction
Alberto Tampieri (P10)	Mechanistic Insights into the Condensation of Bio-Derived Furanic Aldehydes with Acetone
Martin Buessler (P11)	Water Structure at the Interface with Photocatalytic Polymers
Moritz Zelenka (P11)	On the Preparation of Spinel Samples for Spectroscopy
Alexander Gorfer (P12)	Accurate Neural Network Potential of Na-Feldspar and Diffusion of its Defects
Lukas Kyvala (P12)	Short Lifetime of a Monovacancy in Phosphorene
Pablo Montera de Hijes (P12)	Ab initio Machine Learning Studies of Water at the Interface