

List of Posters

Name	Affiliation	Title
Aellig Pascal	JGU Mainz	Small scale caldera collapse - A numerical study on central vent caldera-forming eruptions
Bali, Yogesh	JGU Mainz	Integrating Behavioral Survey Data into Epidemic Models: A Methodological Framework
Bartolome Garcia, Irene	JGU Mainz	Overshooting convection over southern Scandinavia: a modeling perspective
Bergner, Hannah	JGU Mainz	Ice clouds as nonlinear oscillators
Eremets, Ivan	MPI Chemistry	Kinetic Modeling and Optimization of Soot Gasification Processes
Filling, Jean Philip	JGU Mainz	Direct Molecular Polarizability Prediction with Local Frame GNNs on QM7-X
Fröhlich, Simon	JGU Mainz	Realizing Quantitative Quasi-Particle Simulations of Skyrmion Dynamics in Arbitrary Potentials
Ibragimov, Iskander	JGU Mainz	High-Resolution Geodynamic Modeling of Volcanic Flank Instabilities Using HPC
Kang, Hyun Gu	MPI Chemistry	How can viscosity affect organic aerosol volatility derived from evaporation and thermal desorption measurements?
Knoth, Oswald	TROPOS Leibniz	Numerical weather forecasting with Julia
Labusch, Nikolaus	GU Frankfurt	Asymptotic and Machine Learning Parameterization of the Effect of Gravity Waves on Ice Clouds
Lee, Sangyun	JGU Mainz	Speed limits in terms of two entropy productions in a discrete-time Markov chain
Moutzouris, Dimitrios	JGU Mainz	Hamiltonian Monte Carlo applied in inverse petrological modeling
Pinto, Adrian	JGU Mainz	A coarse-grained model for SMC-mediated DNA loop extrusion
Popov, Anton	JGU Mainz	Scalable hybrid multigrid for staggered grid discretizations in geodynamics
Probst, Tristan	JGU Mainz	Numerical Simulations of Blood Flow in Realistic Human Arteries for the Assessment of Patient Specific Risk
Radecka, Maja	MPI Chemistry	A Kinetic Model of Multiphase Chemistry Integrating New Particle Formation and Size Distribution Dynamics in Secondary Organic Aerosol Formation (KM3C-NPF)
Rautela, Himani	Indian Inst. Tech. Roorkee	Breakdown of the Stokes–Einstein relation in Stillinger–Weber silicon
Schuler, Christian	JGU Mainz	Parameter Sensitivity Analysis of Plate Motion using the Adjoint Method and Automatic Differentiation
Sparmann, Tobias	JGU Mainz	A path integral approach to cloud modeling
Stroh, Annalena	JGU Mainz	Numerical modeling of simultaneous diffusion and mineral growth
Torregrosa Abellan, Antonio	JGU Mainz	Solutions of the population balance equation of cloud hydrometeors
Wörl, Ann-Christin	JGU Mainz	Reconstructing, Predicting and Understanding Cloud Structure Formations
Wroński, Michał	AGH Univ. Krakow	Numba-MPI & PyMPDATA: JIT-compilation and multi-threading for high performance computing in Python
Yang, Huan	MPI Chemistry	Molecular and nanoscale modeling in atmospheric aerosol processes
Zhang, Wenxiao	MPI Chemistry	Environmental and health impacts of urban residential energy switching in China
Zhang, Lijuan	MPI Chemistry	Aerosol–Cloud–Precipitation Interactions: Insights from Radar Observations and Model Simulations