

Meeting program

Friday	Talks (25 min + disc.)	Topic
14:00	Mohsin Raza	Multi-Stage evolution of the Nooitgedacht Carbonatite: Apatite and Pyrochlore Geochronology using in-situ LA-ICPMS U-Pb Dating
14:30	Yannik Bussweiler	Unravelling the mantle cargo and magmatic history of ultramafic lamprophyres from the Delitzsch carbonatite complex, Saxony, Germany
15:00	Coffee break	
15:30	Johanna Schenk	Major and trace element composition of Late Cretaceous intraplate volcanism from the Chatham Islands, SW Pacific
16:00	Leon Waßmund	The Mussau Ridge - news from an incipient subduction zone
16:30	Poster session	10 min presentation of each poster + discussion
18:00	BBQ	
Saturday	Talks (25 min + disc.)	Topic
09:00	Max Hellers	^{142}Nd and ^{182}W isotopes reveal Hadean components in Neoproterozoic rocks from the Yilgarn Craton, W-Australia
09:30	Avishai Abbo	Tracing evolution and emergence of continental crust in the Archean-Proterozoic using B isotopes in marine deposits
10:00	Tanveer Ahmad	Magmatic evolution of granites of the Central Kohistan Magmatic Arc - evidence from La-ICP-MS U-Pb dating and Hf isotope data
10:30	Coffee break	
11:00	Antonin Bilau	Syn-orogenic extension and fluid circulations in W-Alps, calcite U-Pb, hematite (U-Th)/He, $\Delta 47$
11:30	Armin Zeh	Dating petrified wood by LA-ICP-MS
12:00	Christoph Möller	Kinetic stability of ATP a limitation for metabolism in extreme environments?
12:30	Lunch break	
13:30	Gerhard Franz	Beryl, a mineral full of oddities
14:00	Jie Xu	The German National Research Data Infrastructure for the Earth System Sciences (NFDI4Earth)
14:30	Tamanna	Using Machine Learning for automatic rock classification
15:00	Lunch break	
15:30	Leander Kallas	Advancing FAIR Principles in Geochemistry: The GEOROC Database and DIGIS Initiative
16:00	Johanna Berckhan	Magneto-mineralogical characterisation of the Bažina Maar (CZ) volcanic rocks
16:30	Thomas Niederhuber	From petro- and geophysical measurements to induced seismicity - A case study at the Enguri High Arch Dam
17:00	Closing event	

Friday	Poster session	10 min presentation of each poster + discussion
	Christopher Beyer	Sulfide melt wetting properties in Earth's mantle: The effect of pressure and mineral composition
	Calvin Diehl	Geological evolution of the BLZ - new results of U-Pb dating of detrital zircons
	E. Dögler	The petrology of the Chenaillet ophiolite: Study of ultramafic to mafic rocks and the volcanic glasses
	Nadine Gill	Iron corrosion related bentonite alteration
	Ralf Halama	Pyrometamorphism and remobilisation of crustal CO ₂ recorded in calc-silicate xenoliths (Merapi volcano, Indonesia)
	Wolf-Achim Kahl	More than visualization: quantitative digital 3D image analysis of X-ray tomography-based (μ -CT) volume data
	Andreas Klügel	Amphibole megacrysts with cavities reveal rapid crystal growth at mantle depth during the 1951 eruption of Fogo (Cape Verdes)
	Stepan Krasheninnikov	Kinetic experiments reveal similar H ₂ O loss and Fe ³⁺ /Fe ²⁺ re-equilibration rates of olivine-hosted melt inclusions
	Henri Meinaß	Whole rock geochemistry of pre-Variscan metabasic basement rocks of the Bergsträsser Odenwald
	Luisa Röckel	Slip tendency assessment of faults in Germany
	Marcel Schulz	Large Scale Borehole Leakage Experiments under Cyclic Loading & Fluid Flow Modelling
	Natalya Zeinalova	Modelling of lava dome growth the 2007-2009 dome building eruption at Volcán de Colima, Mexico