


Vortragsprogramm 23.9.2026 HS 44.11

Session 06: Dynamik von Eroberflächen-Prozessen und Quartärgeologie	
P26-S06_O01 08:30 – 08:45	Michael Meyer: <i>Challenges and solutions for optical dating of inner-Alpine Pleistocene sediments: integrating quartz OSL and feldspar IRSL</i>
P26-S06_O02 08:45 – 09:00	Karla Resel et al.: <i>Identification of Amorphous Weathering Products Formed in Periglacial Environments and Their Potential as Climate Change Proxies</i>
P26-S06_O03 09:00 – 09:15	Mathias Steinbichler et al.: <i>Der quartäre Adler wird flügge!</i>
P26-S06_O04 09:15 – 09:30	Sarah Schaffer et al.: <i>Constraining extreme flood events in Corsica with rock surface luminescence dating – feasibility and preliminary results</i>
P26-S06_O05 09:30 – 09:45	Diana Hatzenbühler et al.: <i>Tracing the Anthropogenic Fingerprint: Isotopic and Sedimentological Insights into Vienna's Floodplain Archives</i>
P26-S06_O06 09:45 – 10:00	Erich Draganits et al.: <i>Quarries in 4D - a geoarchaeological remote sensing approach</i>
P26-S06_O07 10:00 – 10:15	Michael Wagreich: <i>Why the Anthropocene still deserves a formalized chronostratigraphy</i>
10:15 – 10:45	<i>Lunch break</i>
Session 07: Applied Geosciences and Mineral Raw Materials	
P26-S07_O01 10:45 – 11:00	Anna Fehleisen et al.: <i>Decarbonisation of the refractory industry through CCUS technologies</i>
P26-S07_O02 11:00 – 11:15	Lukas Skerbisch et al.: <i>Seal integrity for Carbon Capture and Storage: Improved simulation workflows</i>
P26-S07_O03 11:15 – 11:30	Zora Alice Kumm & Susanne Gier: <i>Cation exchange capacity- An alternative method to investigate the geological barrier of landfills?</i>
P26-S07_O04 11:30 – 11:45	Julia Rabeder et al.: <i>Charakterisierung ausgewählter Tonrohstoffe Österreichs</i>
P26-S07_O05 11:45 – 12:00	Florian Altenberger & Johann G. Raith: <i>The Tungsten-Magnesite Connection: A Rare Mineralizing System from the Eastern Alps</i>
P26-S07_O06 12:00 – 12:15	Thomas Angerer et al.: <i>The Tauerngold vein system – structurally controlled fluid flow related to Miocene exhumation tectonics in the eastern Alps</i>
P26-S07_O07 12:15 – 12:30	Anthony Kenny et al.: <i>Hydrothermal Synthesis of Waterglass from Silica-Rich Waste Materials for Sustainable Alkali-Activated Binders</i>
12:30 – 14:00	<i>Lunch break – Lab Lunch Invitation only (SR 44.21)</i>
Session 07 Fortsetzung / continued	
P26-S07_O08 14:00 – 14:15	Michael Pettau et al.: <i>Acetic and citric acid control on MgO–CaO hydration – Implications for binder and refractory materials</i>
P26-S07_O09 14:15 – 14:30	Florian Roman Steindl et al.: <i>Mineralogical and geochemical assessment of innovative primary and secondary raw materials: Unlocking their potential for sustainable mineral binders and industrial synergies</i>
P26-S07_O10 14:30 – 14:45	Nikolaus Petschacher et al.: <i>Towards Austria's First High-Temperature ATES: Geological and System-Level Insights from Fürstenfeld</i>
P26-S07_O11 14:45 – 15:00	Peter Krois & Helene Mooslechner: <i>Building Vienna's Geothermal Future: From Pilot to Large-Scale Development</i>
P26-S07_O12 15:00 – 15:15	Johannes Weitz et al.: <i>Mapping of Middle Miocene fluvial deposits at the southern margin of the Vienna Basin: Implications for the quality and distribution of hydrothermal reservoirs</i>
P26-S07_O13 15:15 – 15:30	Britta Nader et al.: <i>Transforming dredged sediment from Lake Neusiedl into 3D-printed architectural structures</i>
P26-S07_O14 15:30 – 15:45	Peter Tropper et al.: <i>Minerals in extremely high-T environments: the occurrence of armalcolite in fulgurites and pseudofulgurites</i>
15:45 – 16:15	<i>Coffee break - <u>Meerscheinschlößl</u></i>
16:15 – 17:45	<i>Award Ceremony in <u>HS 44.11</u></i>
18:00 – 19:00	<i>Plenary Talk</i>


Vortragsprogramm 23.9.2026 SR 44.22

Session 04: Dynamics of Earth's Spheres (Petrology, Geochronology, Tectonic, Analytical Techniques)	
P26-S04_O01 08:30 – 08:45	Marko Bermanec et al.: <i>Expanding the geochronological toolbox of the epidote supergroup</i>
P26-S04_O02 08:45 – 09:00	Dominik Sorger et al.: <i>Deciphering a Billion-Year Metamorphic Record: Polyphase Evolution of the Isua Supracrustal Belt from Coupled Garnet-Monazite Geochronology</i>
P26-S04_O03 09:00 – 09:15	Nejla Tutnjevic et al.: <i>Sediment Provenance and Paleoenvironmental Evolution of the Majala and Chacarilla Formations (Late Jurassic–Early Cretaceous), Northern Chile</i>
P26-S04_O04 09:15 – 09:30	Hugo Ortner & Oscar Fernandez: <i>Geometry of growth strata in wrench-dominated transpression: Trattberg, Northern Calcareous Alps, Austria, and Prelitoral Ranges, Catalan Coastal Ranges, Spain</i>
P26-S04_O05 09:30 – 09:45	Benjamin Huet et al.: <i>Continental tectonic mélanges in the Tauern Window</i>
P26-S04_O06 09:45 – 10:00	Dražan Balen: <i>New insights into the U-Pb zircon data of northern Gondwana fragments from the basement of the southern Pannonian Basin</i>
15:45 – 16:15	<i>Coffee break - <u>Meerscheinschlößl</u></i>