Vorträge /Oral Pres. 23.09.2026 HS 44.11

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

Vorträge / Oral Pres. 23.09.2026 SR 44.21

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