



D–A–CH Geobiology Symposium 2025

Programme

18 – 19 September 2025

Natural History Museum, Vienna



Day 1 - Thursday, 18th September 2025

9:15	Registration at the Natural History Museum
10:15	Welcome to the D-A-CH Geobiology Symposium 2025 - Opening remarks by the organizing committee
Session 1	
10:25	Univ.-Prof. Dr. Mathias Harzhauser: - System Change: A story about sex, fire and the tipping points of life
11:05	Lucia Winkler: A stalagmite as time-resolved archive for ancient DNA
11:25	Anastasiia Padalko: Methanogenesis and its coenzymes - evolutionary relics from Earth's early days
11:45	Joshua Lopez Robles: Cryoconites as organic carbon source in supraglacial ecosystems: A case study from the Pasterze glacier
12:05	Dr. Magdalena J. Mayr: Microbial lifestyles in and on methane seep carbonate rocks
12:25	Lunch break
Session 2	
13:25	Univ.-Prof. Dr. Christian Griebler: Groundwater ecology research in Vienna
13:45	Barbara Jechsmayr: Methane dynamics in braided river sections of the free-flowing Vjosa River, Albania
14:05	Angela Cukusic: Dynamic changes of protist community composition along a surface water-groundwater transect in the Danube wetland Lobau, Vienna, Austria
14:25	Dr Benjamin Luke Coltman: SYNOMIN: Synthetic community design based on functional representation
14:45	Linda Kloß: WoBio - Women in Biology Initiative at the Faculty of Life Sciences
15:00	Coffee break
Poster Session	
15:15	Poster presentations
Round Table - "Science, life, and everything in between"	
16:15	Discussion with Dr. Lotta Purkamo (Geological Survey of Finland), Univ.-Prof. Dr. Christa Schleper (University of Vienna), Assoc.-Prof. Dr. Dagmar Woebken (University of Vienna) and Assoc.-Prof. Dr. Eva Oburger (BOKU University)
17:45	Moving from the museum to the social dinner
18:30	Social dinner at the University of Vienna Biology Building (UBB)



Day 2 - Friday, 19th September 2025

09:15	Opening remarks
09:30	Keynote talk: Dr. Lotta Purkamo (Geological Survey of Finland): From shallow to deep - The microbial blueprint of groundwater systems
Session 3	
10:30	Laura Coulson: Exploring dissolved organic matter dynamics in Berlin's aquifer systems: Influence of surface connection and deep aquifer storage
10:50	Camille Rolland: Hydrogen-driven microbial communities in engineered deep subsurface environments
11:10	Coffee break
11:25	Dr. Jaber Abbaszadeh: From deserts to oceans: The global ecology of the <i>Deinococcus</i> Genus, revisited
11:45	Dr. rer. nat. Anna-Neva Visser: Geochemical and isotopic gradients in tufa channels: insights into carbonate dynamics and microbial potential
12:05	Felix Pfaff: Lab-scale and <i>in situ</i> trials of hydrogen and methane driven chemolithoautotrophic nitrate reduction as a potential nitrate mitigation strategy for polluted aquifers
12:25	Lunch and group photo
13:45	Closing remarks and poster/presentation prizes

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Local organising committee: Filip Paul Boanca¹ • André Carvalho Araújo² • Hana Chovancová¹ • Angela Cukusic¹ • Helena Cvetkovic¹ • Sonja Hoxha¹ • Ayac Iuan Jiménez Salvador¹ • Christoph Novotny¹ • John Lester Pide¹ • Thea Schwingshackl¹

¹Department of Functional and Evolutionary Ecology, Faculty of Life Sciences, University of Vienna, Vienna, Austria,

²Division of Microbial Ecology, Centre for Microbiology and Environmental Systems Science, University of Vienna, Vienna, Austria

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