



BioGeo-Colloquium

Institute of Geosciences - Institute of Microbiology - Institute of Biodiversity

**Tuesday, 5.15 pm (17 c.t.),
Presented online**

Current research topics at the interface of Bio- and Geosciences

Date		
10.11.2020	Will Overholt Geomicrobiology Group, Institute of Biodiversity, FSU Jena	Bacterial primary producers sustaining the groundwater microbiome
17.11.2020	Dr. Sylvain Grangeon Bureau de recherches géologiques et minières, France	Nanocrystalline Mn oxides: their (trans)formation pathways and their role on the geochemical cycle of metals in soils and sediments
24.11.2020	Michaela Brunzel Laboratory of Organic and Macromolecular Chemistry (IOMC), Institute of Organic Chemistry and Macromolecular Chemistry, FSU Jena	Synthesis and characterization of poly(ethylene glycol)s for subsurface environmental transport experiments
01.12.2020	Marlene Höller Institute of Microbiology Friedrich Schiller University Jena	Exploring the complexity of gene regulation in streptomycetes
08.12.2020	Esther Voigt Theory in Biodiversity Science, Institute of Biodiversity, FSU Jena and German Centre for Integrative Biodiversity Research (iDiv) Halle- Jena-Leipzig	Phage infections in dynamic ecosystems
15.12.2020	Prof. Dr. Edmund Maser Faculty of Medicine Institute for Toxicology and Pharmacology for Natural Scientists Christian-Albrechts-University, Kiel	Sea Dumped Explosive Chemicals: Analysis, Toxicity and Risk Assessment of World War Relicts
05.01.2021	Patrick Lohmann Microbiome Biology Group, Department of Molecular Systems Biology, UFZ Leipzig	Seasonal Patterns of Dominant Microbes involved in Central Nutrient Cycles in the Subsurface



12.01.2021	Dinusha Chaturangani Chair of Hydrogeology, Institute of Geosciences, FSU Jena	Composition and Morphology of “Interfaces” developed in the Aeration Zone of a Hillslope Catchment: A Case Study from the Hainich CZE, Thuringia, Germany
19.01.2021	Dr. Matthias Gube Soil Science of Temperate Ecosystems Büsgen-Institute Georg-August University Göttingen	Fungi and mycorrhiza in soil nutrient cycling
26.01.2021	Dr. Lucian Staicu Institute of Microbiology, Faculty of Biology University of Warsaw, Poland	Selenium biomineralization: the trade-offs of bacterial respiration
02.02.2021	Swamini Khurana Geomicrobial Reactive Transport Systems Group, Department Environmental Microbiology, UFZ Leipzig	Predicting microbial redox dynamics in spatially heterogeneous and temporally dynamics conditions using a numerical modeling approach
09.02.2021	Gökben Demir Terrestrial Ecohydrology, Institute of Geosciences, FSU Jena	Canopy effect on hydrological patterns