



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

In case of PRESENCE: Lecture hall, Wöllnitzer Str. 7, 07749 Jena

| Date | | |
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| 12.04.2022 | <i>Presence+Online</i> Stephan Hilpmann Biogeochemistry Helmholtz-Zentrum Dresden-Rossendorf | Interactions of a sulfate-reducing microorganism with uranium and europium |
| 19.04.2022 | <i>Online</i> Dr. Pilar Llorens Institute of Environmental Assessment and Water Research, Barcelona, Spain | 30 years of Ecohydrological investigations in a Mediterranean mountain environment, the Vallcebre research catchments |
| 26.04.2022 | <i>Online</i> Dr. Franziska Lederer Helmholtz Institute Freiberg for Resource Technology Helmholtz-Zentrum Dresden-Rossendorf | Resource recovery: Innovative approaches with biomolecules |
| 03.05.2022 | <i>Presence+Online</i> PD Dr. Bert Engelen Benthic Microbiology Group, Institute for Chemistry and Biology of the Marine Environment, University of Oldenburg | From the beach into the subsurface: Investigating microbial communities within the groundwater discharge area of a subterranean estuary |
| 10.05.2022 | <i>Online</i> Prof. María Montes Bayón Department of Analytical Chemistry University of Oviedo, Spain | Single cell ICP-MS as tool in biotechnological studies using microorganisms |
| 17.05.2022 | <i>Online</i> Dr. Valérie Schwab-Lavric Dep. of Biogeochemical Processes, Max Planck Institute for Biogeochemistry Jena | Old and recalcitrant carbon as microbial energy source in early stages of soil succession in glacial forelands |
| 24.05.2022 | <i>Presence+Online</i> Prof. Dr. Jocelyne Brendle Université de Haute-Alsace Mulhouse, France | Layered compounds as host for organic species: preparation, characterization and applications at lab and industrial scales |



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| 31.05.2022 | <i>Presence+Online</i> Dr. Carl-Eric Wegner Aquatic Geomicrobiology Group, Institute of Biodiversity, FSU Jena | Lanthanide-dependent metabolism: past, present, and future of the lanthanome |
| 07.06.2022 | <i>Online</i> Dr. Anna Potysz University of Wrocław Poland | Bioweathering of metal-bearing wastes exposed to microorganisms |
| 14.06.2022 | <i>Presence+Online</i> Prof. Dr. John Marshall Department of Forest Ecology and Management, Swedish University of Agricultural Sciences, Umeå, Sweden | The carbon budget of a fertilized boreal Scots pine stand: what makes the trees grow faster? |
| 21.06.2022 | <i>Online</i> Prof. Dr. Dietrich H. Nies Institute of Biology/Microbiology Martin-Luther-Universität Halle-Wittenberg | Full copper resistance in <i>Cupriavidus metallidurans</i> requires the interplay of many resistance systems |
| 28.06.2022 | <i>Presence+Online</i> Prof. Dr. Tillmann Lüders Ecological Microbiology Group, University of Bayreuth | Microbial filter functions for agricultural nitrogen inputs at the interphase of surface water and groundwater in agricultural first-order streams |
| 05.07.2022 | <i>Presence+Online</i> Dr. Patricia Geesink Laboratory of Microbiology, Wageningen University & Research, The Netherlands | Reshaping the tree of life – Insights into the ecology and evolution of novel archaeal lineages |
| 12.07.2022 | <i>Presence+Online</i> Dr. Neele Meyer Klimahaus, Bremerhaven | „Boring“ traces in „cool“ barnacles |