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Institute of Geosciences - Institute of Microbiology - Institute of Ecology

Bio-Geo-Colloquium

**Tuesday, 5.15 pm (17 c.t.),
Institute of Geosciences, Wöllnitzer Str. 7, 07749 Jena**

Current research topics at the interface of Bio- and Geosciences

Date		
18.10.2016	Louis Schneider Institute of Geosciences Friedrich Schiller university, Jena	Appearance of organic and metallic substances in the Odaw River Sediments (Accra/Ghana) induced by burning praxis on the E-Waste-Dump in Agbogbloshie
25.10.2016	Prof. Dr. Manja Marz Bioinformatics/High Throughput Analysis Faculty of Mathematics and Computer Science Friedrich-Schiller-University Jena	Diversity of Bacteria and Viruses in Groundwater
01.11.2016	Prof. Dr. Juraj Majzlan General and Applied Mineralogy Institute of Geosciences, Friedrich-Schiller University Jena	Mobility of metals: From oxidation zones to critical zones.
08.11.2016	Prof. Dr. Hilke Würdemann Environmental technology University of Applied Sciences Merseburg	Influence of microbial processes on well performance and corrosion - results from field investigations and lab experiments with different salinity
15.11.2016	Dr. Nicole Knabe Bundesanstalt für Materialforschung und –prüfung (BAM), Berlin	Targeted disruption of melanin synthesis in rock-inhabiting fungi - a new tool in material science
22.11.2016	Dr. Björn Rall German Centre for Integrative Biodiversity Research (iDiv) Halle-Jena-Leipzig	Global change effects on species interactions to ecosystems
29.11.2016	Dr. Petra Rösch Institute of Physical Chemistry Friedrich Schiller university, Jena	Raman spectroscopic identification of bacteria



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06.12.2016	Prof. Dr. Christian A. Voigt Phytopathology & Biochemistry Biocenter Klein Flottbek University of Hamburg	3D-Visualization of Fungal Cell Walls through Super-Resolution Microscopy
13.12.2016	Carsten Simon Max Planck Institute for Biogeochemistry, Jena	Ultrahigh resolution mass spectrometry of Dissolved Organic Matter (DOM): Environmental dynamics and the search for marker substances
20.12.2016	Katja Burow Institute of Microbiology Friedrich Schiller university, Jena	Actors in radionuclide rich rock-water-systems: a hydrochemical and microbial study
03.01.2017	NO TALK	
10.01.2017	Arno Märten Institute of Geosciences Friedrich Schiller university, Jena	Simulating reforestation of mining affected sites on the medium-scale: The impact of birch vegetation on the metal availability in soil and soil water
17.01.2017	Prof. Ingrid Kögel-Knabner Chair of Soil Science Department of Ecology and Ecosystem Management and Institute of Advanced Study (TUM-IAS) Technische Universität München	Interaction of minerals, organic matter, and microorganisms during soil formation: what we learned from an artificial soil experiment
24.01.2017	Sebastian Pietschmann Institute of Microbiology Friedrich Schiller university, Jena	A microbiological view on heavy-metal contaminated soils during in-situ phytoremediation
31.01.2017	Prof. Nicole van Dam German Centre for Integrative Biodiversity Research (iDiv) Halle-Jena-Leipzig, Chair of Molecular Interaction Ecology, Leipzig	Belowground chemical ecology