

## **Microbial Oxidation and Reduction of Insoluble Fe Oxides and Phyllosilicates in Soil and Sedimentary Environments**

Organizers:

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Clay minerals are important components in natural environments as well as industrial applications. They undergo biotic and abiotic reactions in natural environment that impact a number of geological and environmental process, such as sediment diagenesis, colloid transport, the mobility and the ultimate fate of organic and inorganic contaminants. We would like to invite the paper, but not to limited, of clay interaction with microbes in soils and sediments, microscopic characterization of clay mineral reactions, soil clays and clay chemistry.