

Program Flashlights #3

Monday, 11th of July, 3 -5 pm (approx.), UFT 1790

15:00 Thorben Helmers - Environmental Process Engineering

“Online COD-determination (chemical oxygen demand) in process water for production monitoring and advanced modelling using machine learning techniques”

15:30 Monika Michaelis - Hybrid Materials Interfaces

“Molecular structure elucidation via a combined approach of circular dichroism spectroscopy and advanced sampling methods”

16:00 Sebastian Kunz - Catalysis and Surface Science

“Reactive oxygen species (ROS) formation ability and stability of small Copper (Cu) nanoparticles (NPs)”

16:30 Maria Engelke - General and Theoretical Ecology

“SiO₂-, CeO₂- and Ag- based nanomaterials: synthesis, characterization, environmental (long term-) effects ”

As usual, each talk lasts 15 minutes to allow for extended discussion. Starting times are approximate.

Many thanks in advance to all speakers!

Prof. Lucio Colombi Ciacchi