

LUC Seminar - Program Fall 2019

18 October 2019

Paul Scherrer Institute, OFLG 402

- 09:30-10:30** **Yang Huanyu (LUC, PSI, CH)**
Monitoring the adsorbed water layer structure on AgI surface.
- 10:45-11:45** **Moritz Bigalke (GIUB, Uni Bern, CH)**
Micro- and nanoplastics in soils.
- 13:00-14:00** **Bingbing Wang (Xiamen University, CHN)**
Micro-spectroscopic characterization and ice nucleation properties of aerosol particles.
- 14:15-15:15** **Yohei Uemura (LUC, PSI, CH)**
Studying dynamics of catalysts with ultrafast x-ray absorption spectroscopy.

15 November 2019

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- 09:30-10:30** **François Burgay (LUC, PSI, CH)**
Fe in ice cores both as a new proxy for the determination of past volcanic eruptions and as a fertilizing element in the oceans.
- 10:45-11:45** **Shuzhen Chen (LUC, PSI, CH)**
Combine liquid-jet XPS and kinetic experiments to investigate the impact of tetra-butylammonium on the oxidation of bromide by ozone.
- 13:00-14:00** **Honghai Xue (Jilin Jianzhu University, CHN)**
Assessment of major ions and heavy metals pollution in snow: A case study in Northeast, China, 2017-2018.
- 14:15-15:15** **Shuo Yang (LUC, PSI, CH)**
Comprehensive analysis of carbonaceous species during severe haze pollution in Beijing, Northern China Plain.

13 December 2019

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- 09.30-10.30** **Ling Fang (LUC, PSI, CH)**
Enhancement of carbonaceous aerosol during the 20th century: insights from radiocarbon in particulate carbon from a high Alpine glacier.
- 10:45-11:45** **Martin Rauber (DCB, Uni Bern, CH)**
¹⁴C on aerosol filters from Antarctica and Svalbard.
- 13:00-14:00** **Michele Bérto (LAC, PSI, CH)**
Aerosol deposition on the highest glacier of the Eastern European Alps during the last 3000 years: the Ortles ice cores.
- 14:15-15:15** **Martina Barandun (LUC, PSI, CH)**
Light absorbing impurities in the Olivares Catchment, Central Chile.