



HICE • Aerosols and Health
Helmholtz Virtual Institute of Complex
Molecular Systems in Environmental Health



Seminar of the Helmholtz International Lab, the Joint Mass Spectrometry Centre and the Virtual Helmholtz Institute HICE-Aerosols and Health: winter term 21/22

#	Date/Time Datum/Zeit	Speaker/Sprecher	Title
1	18.10.21 17:30 h (Monday)	Christian Menhard & Dominic Kastner InnoLas Laser GmbH, Krailling, Germany Christian.Menhard@innolas-laser.com Dominic.Kastner@innolas-laser.com	Nd:YAG lasers and optical parametric oscillators (OPO) as sources for laser mass spectrometric measurements.
2	26.10.21 17:30 h	Prof. Dr. Sylvia Speller Department of Physics of Surfaces and Interfaces University of Rostock, Rostock, Germany sylvia.speller@uni-rostock.de	Scanning Probe Microscopy Studies of living cells
3	15.11.21 17:30 h (Monday)	Dr. Sebastiano Di Bucchianico Comprehensive Molecular Analytics, Helmholtz Zentrum München, Munich, Germany dibucchianico@helmholtz-muenchen.de	Genotoxic and mutagenic hazard of atmospheric air pollution
4	23.11.21 17:30 h	Dr. Gerhard Steiner GRIMM Aerosol Technik Ainring GmbH & Co. KG, Ainring, Germany Gerhard.Steiner@grimm.durag.com	From Micro to Nano. Covering the size range from 35µm to 1nm with Grimm Aerosol Size Spectrometers.
5	29.11.21 17:30 h (Monday)	Prof. Dr. Marcus Rieker HORIBA Europe Ltd., Oberursel, Germany marcus.rieker@horiba.com	TBA
6	07.12.21 17:30 h	Prof. Dr. Johan Øvrevik Division of Climate and Environmental Health Norwegian Institute of Public Health, Oslo, Norway Johan.Ovrevik@fhi.no	Beyond oxidative stress: Mechanisms of combustion particle toxicity and the potential importance of polycyclic aromatic hydrocarbons
7	11.01.22 17:30 h	Prof. Dr. Gunnar Dittmar Proteomics of Cellular Signaling Université de Luxembourg, Strassen, Luxembourg Gunnar.Dittmar@lih.lu	TBA
8	18.01.22 17:30 h	Prof. Dr. Jeroen Buters Center for Allergy and Environment (ZAUM) Technical University and Helmholtz Center Munich, Munich, Germany buters@tum.de	TBA
9	25.01.22 17:30 h	Prof. Dr. Jan Hovorka Faculty of Science, Charles University, Prague, Czech Republic kugy@natur.cuni.cz	TBA

The seminar takes place - if not otherwise stated on Tuesdays at 17:30 h. Due to the currently applicable contact restrictions and hygiene regulations, the lecture will be broadcast online via Zoom. The Zoom links and QR-codes will be published with the announcement of the lecturer.