




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

**aeroHEALTH**  
**HELMHOLTZ**  
International Lab



Universität Rostock  **Helmholtz Zentrum  
münchen**  
JOINT MASS SPECTROMETRY CENTRE

**Seminar of the Helmholtz International Lab, the Joint Mass Spectrometry Centre and the Virtual Helmholtz Institute HICE-Aerosols and Health: summer term 2021**

#	Date/Time Datum/Zeit	Speaker/Sprecher	Title
1	20.04.21 17:30 h	<b>Andreas Paul</b> Institute of Energy and Climate Research, Forschungszentrum Jülich GmbH, Jülich, Germany <a href="mailto:an.paul@fz-juelich.de">an.paul@fz-juelich.de</a>	<b>Aerosol Mass Spectrometry(AMS) Analysis of Naphthalene and <math>\beta</math>-pinene Aerosols, Aged with Oxidation Flow Reactor (OFR)</b>
2	27.04.21 17:30 h	<b>Elena Hartner &amp; Svenja Offer</b> Comprehensive Molecular Analytics, Helmholtz Zentrum München, Munich, Germany <a href="mailto:Elena.hartner@helmholtz-muenchen.de">Elena.hartner@helmholtz-muenchen.de</a> <a href="mailto:svenja.offer@helmholtz-muenchen.de">svenja.offer@helmholtz-muenchen.de</a>	<b>Impact of biogenic and anthropogenic secondary organic aerosols in lung cell models at the air-liquid interface: Biological responses and chemical characterization</b>
3	04.05.21 17:30 h	<b>Dr. Michal Levin</b> Department of Earth and Planetary Sciences, Weizmann Institute of Science, Rehovot, Israel <a href="mailto:michal.levin@weizmann.ac.il">michal.levin@weizmann.ac.il</a>	<b>Genome wide effects of Naphthalene and <math>\beta</math>-pinene-derived secondary organic aerosol in BEAS-2B cells</b>
4	11.05.21 17:30 h	<b>Dr. Christoph Ogris</b> ICB-Institute of Computational Biology, Helmholtz Zentrum München, Munich, Germany <a href="mailto:christoph.ogris@helmholtz-muenchen.de">christoph.ogris@helmholtz-muenchen.de</a>	<b>Integrative Multi-Modal Network Inference and Analysis</b>
5	18.05.21 17:30 h	N.N.	TBA
6	01.06.21 17:30 h	<b>Dr. Thorsten Hohaus</b> Institute of Energy and Climate Research, Forschungszentrum Jülich GmbH, Jülich, Germany <a href="mailto:t.hohaus@fz-juelich.de">t.hohaus@fz-juelich.de</a>	<b>Chemical characterization and source apportionment of ambient organic aerosols during the year-long JULIAC (Jülich Atmospheric Chemistry) campaign</b>
7	08.06.21 17:30 h	<b>Dr. Hendryk Czech</b> Department of Analytical Chemistry, University of Rostock, Rostock, Germany <a href="mailto:Hendryk.czech@uni-rostock.de">Hendryk.czech@uni-rostock.de</a>	<b>Investigation of Primary and Secondary Organic Aerosols by Advanced Mass Spectrometric Techniques and Chemometric Approaches</b>
8	15.06.21 17:30 h	<b>Dr. Daniella Gat</b> Department of Earth and Planetary Sciences, Weizmann Institute of Science, Rehovot, Israel <a href="mailto:daniela.gat@weizmann.ac.il">daniela.gat@weizmann.ac.il</a>	TBA
9	22.06.21 17:30 h	<b>Emy Yue Hu</b> ICB-Institute of Computational Biology, Helmholtz Zentrum München, Munich, Germany <a href="mailto:yue.hu@helmholtz-muenchen.de">yue.hu@helmholtz-muenchen.de</a>	<b>A multi-model network analysis approach to investigate health effects caused by aged aerosols</b>
10	29.06.21 17:30 h	<b>Prof. Dr. Olli Sippula</b> Department of Environmental and Biological Sciences and Department of Chemistry, University of Eastern Finland, Joensuu, Finland <a href="mailto:olli.sippula@uef.fi">olli.sippula@uef.fi</a>	<b>Combustion aerosol studies at the UEF ILMARI research facility</b>
11	06.07.21 17:30 h	<b>Dr. Sebastiano Di Bucchianico</b> Comprehensive Molecular Analytics, Helmholtz Zentrum München, Munich, Germany <a href="mailto:dibucchianico@helmholtz-muenchen.de">dibucchianico@helmholtz-muenchen.de</a>	<b>Cellular crosstalk between airway epithelial and endothelial cells: a molecular and biochemical perspective</b>
12	13.07.21 17:30 h	N.N.	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.