

IUP-AWI Blockseminar

5 February 2024, University of Bremen, room H2

Developing the Earth observing system of the future

14:00	Guy Brasseur <i>MPI Meteorology</i>	Strategic views for future research in atmospheric and climate sciences
14:45	Gunnar Spreen	CIMR - The Copernicus Imaging Microwave Radiometer satellite mission to address the EU Arctic policy needs
15:05	Basudev Swain	Aerosol Dynamics in the Central Arctic: Bridging Insights from Satellite Observations and Multi-model Simulations
15:25	Brian Auffarth	The ESA Ozone Recovery from Merged Observational Data and Model Analysis (OREGANO) project: Long-term ozone trends and the IUP regression model
15:45	Alex Poulidis	Supporting field campaigns through tailored forecasting: Preliminary results from DOAS observations at Sakurajima Volcano, Japan
16:05	Break	
16:20	Bjoern-Martin Sinnhuber <i>KIT</i>	The Changing-Atmosphere Infrared Tomography Explorer CAIRT: A candidate mission for ESA's Earth Explorer 11 satellite
17:05	Michael Weimer	Towards CO2 monitoring from space using the FOCAL method
17:25	Antonio di Noia	Optimal estimation-based CO2 and CH4 retrieval from CO2M: Expected performance
17:45	Kezia Lange	Tropospheric NO2 column observations from GEMS - the first geostationary air quality monitoring mission