

## Environmental Physics Division Fachverband Umweltphysik (UP)

Christian von Savigny  
Institut für Physik  
Felix-Hausdorff-Str. 6  
17489 Greifswald  
csavigny@physik.uni-greifswald.de

Justus Notholt  
Institut für Umweltphysik  
Otto-Hahn-Allee 1  
29359 Bremen  
jnotholt@iup.physik.uni-bremen.de

### Overview of Invited Talks and Sessions

(Lecture halls H3 and H7; Poster P)

#### Plenary Talk of the Environmental Physics Division

PV X Fri 9:45–10:30 Audimax **How does the heat get to the ice? - Comprehensive year-round observations of ocean-ice-atmosphere interactions in the high Arctic Ocean**  
— •CHRISTIAN HAAS, MOSAIC TEAM

#### Invited Talks

UP 2.1 Thu 14:00–14:20 H3 **BLUESKY - Atmospheric Composition Changes during the Corona Lock-down 2020** — •CHRISTIANE VOIGT, JOS LELIEFELD, JOHANNES SCHNEIDER, DANIEL SAUER, RALF MEERKÖTTER, SILKE GROSS, ULRICH SCHUMANN, MIRA PÖHLKER, LAURA TOMSCHE, MARIANO MERTENS, HANS SCHLAGER

UP 2.4 Thu 14:50–15:10 H3 **Nucleation and growth of atmospheric aerosol particles: Recent results from CLOUD at CERN** — •JOACHIM CURTIUS

UP 5.1 Fri 14:00–14:30 H7 **Ozone in the troposphere responds to reduced precursor emissions during the COVID-19 pandemic** — •WOLFGANG STEINBRECHT

#### Invited talks of the joint symposium What makes an exoplanet habitable (SYEP)

See SYEP for the full program of the symposium.

SYEP 1.1 Wed 14:00–14:30 Audimax **Requirements for Earth-like habitats** — •HELMUT LAMMER

SYEP 1.2 Wed 14:30–15:00 Audimax **Geological drivers of habitability** — •RAYMOND T. PIERREHUMBERT

SYEP 1.3 Wed 15:00–15:30 Audimax **Space Weather from an Active Young Sun and Its Impact on Early Earth** — •VLADIMIR AIRAPETIAN

SYEP 1.4 Wed 15:30–16:00 Audimax **Habitable zones around stars and the search for extraterrestrial life** — •JAMES F. KASTING

#### Sessions

UP 1.1–1.7 Thu 11:00–12:45 H3 **Oceanography and Climate Modelling**

UP 2.1–2.8 Thu 14:00–16:10 H3 **Clouds and Aerosols**

UP 3 Thu 18:00–19:00 MVUP **Annual General Meeting**

UP 4.1–4.6 Fri 11:00–12:30 H7 **Measurement Techniques & Miscellaneous**

UP 5.1–5.6 Fri 14:00–15:45 H7 **Atmospheric Trace Gases**

UP 6.1–6.8 Fri 16:30–18:30 P **Poster Session**

#### Annual General Meeting of the Environmental Physics Division

Thursday 18:00–19:00 Link will be provided by e-mail