

Environmental Physics Division Fachverband Umweltphysik (UP)

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Overview of invited talks and sessions

(Lecture hall HSZ 105; Poster P2/4OG)

Invited Talks

UP 2.1	Tue	9:50–10:20	HSZ 105	Towards process-based narratives for seasonal climate predictions — •JOHANNA BAEHR
UP 2.4	Tue	11:30–12:00	HSZ 105	Earth-system model simulations of the effect of the asteroid impact 66 million years ago — •GEORG FEULNER, JULIA BRUGGER, MATTHIAS HOFMANN, STEFAN PETRI
UP 2.5	Tue	12:00–12:30	HSZ 105	Sonne oder Treibhaus? Globale Erwärmung einfach und physikalisch nachgerechnet — •AXEL KLEIDON
UP 3.1	Tue	14:00–14:30	HSZ 105	Flugzeuggetragene Messungen am globalen Hotspot der Schwerkwellenaktivität für ein besseres Verständnis der Dynamik der mittleren Atmosphäre — •MARKUS RAPP, DAS SOUTHTRAC TEAM
UP 4.1	Tue	14:50–15:20	HSZ 105	Capturing Spatial and Temporal Patterns of NO₂ in Cities using mobile and stationary DOAS measurements. — •MARK WENIG, SHENG YE, YING ZHU, JIA CHEN, FLORIAN DIETRICH, XIAO BI, KA LOK CHAN

Invited talks of the joint symposium SYCE

See SYCE for the full program of the symposium.

SYCE 1.1	Wed	9:30–10:00	HSZ 02	Towards a carbon-free energy system: Expectations from R&D in renewable energy technologies — •BERND RECH, RUTGER SCHLATTMANN
SYCE 1.2	Wed	10:00–10:30	HSZ 02	Decarbonizing the Heating Sector - Challenges and Solutions — •FLORIAN WEISER
SYCE 1.3	Wed	10:30–11:00	HSZ 02	The challenge of anthropogenic climate change - Earth system analysis can guide climate mitigation policy — •MATTHIAS HOFMANN
SYCE 1.4	Wed	11:15–11:45	HSZ 02	A carbon-free Energy System in 2050: Modelling the Energy Transition — •CHRISTOPH KOST, PHILIP STERCHELE, HANS-MARTIN HENNING
SYCE 1.5	Wed	11:45–12:15	HSZ 02	The transition of the electricity system to 100% renewable energy: agent-based modeling of investment decisions under climate policies — •KRISTIAN LINDGREN

Sessions

UP 1.1–1.2	Sun	16:00–18:00	HSZ 04	Tutorials (joint session UP/TUT)
UP 2.1–2.7	Tue	9:45–13:10	HSZ 105	Climate, Climate modelling & Energy
UP 3.1–3.2	Tue	14:00–14:50	HSZ 105	Atmospheric Dynamics
UP 4.1–4.3	Tue	14:50–16:00	HSZ 105	Atmospheric Chemistry 1
UP 5.1–5.7	Wed	14:00–16:00	P2/4OG	Poster Session
UP 6.1–6.5	Wed	16:30–18:10	HSZ 105	Atmospheric Chemistry 2
UP 7.1–7.6	Thu	10:00–12:30	HSZ 105	Measurement Techniques
UP 8	Thu	12:45–13:45	HSZ 105	Meeting of members of the DPG environmental physics division
UP 9.1–9.6	Thu	14:00–16:00	HSZ 105	Aerosols

Mitgliederversammlung des Fachverbands Umweltphysik

Donnerstag 12:45–13:45 HSZ 105 Mitglieder des Fachverbands sowie Gäste sind herzlich willkommen. Ein Imbiss wird bereitgestellt.