

Environmental Physics Division Fachverband Umweltphysik (UP)

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Übersicht der Hauptvorträge und Fachsitzungen (HS 22)

Plenarvorträge an den Sitzungstagen des FV Umweltphysik

PV IV	Di	9:00– 9:45	Plenarsaal	Testing General Relativity with Cosmological Observations — •RUTH DURRER
PV V	Di	9:45–10:30	Plenarsaal	On the tension between mathematics and physics — •MIKLOS REDEI
PV VII	Mi	8:30– 9:15	Plenarsaal	Reconciling the past and the present: The shared history of physicists and museums — •MARTA C LOURENCO
PV VIII	Mi	9:15–10:00	Plenarsaal	Particle-hole symmetries in condensed matter — •MARTIN ZIRNBAUER
PV IX	Mi	10:00–10:30	Plenarsaal	Decoding the QCD phase structure with relativistic nuclear collisions — •PETER BRAUN-MUNZINGER
PV X	Mi	10:30–11:00	Plenarsaal	Charmonia as Probe of Deconfinement - Recent Results and Perspectives — •JOHANNA STACHEL
PV XIII	Do	9:00– 9:45	Plenarsaal	Climate change and gravity waves in the middle atmosphere — •FRANZ-JOSEF LÜBKEN
PV XIV	Do	9:45–10:30	Plenarsaal	Tailoring ultrafast light pulses in waveguides — •CARSTEN FALLNICH

Hauptvorträge

UP 2.1	Di	11:15–11:45	HS 22	Unravelling causes and tackling impacts of air pollution using multidisciplinary methods — •MIHALIS VREKOUSSIS
UP 4.1	Mi	11:00–11:30	HS 22	Volcanic Gases - Telegrams of the inner Earth and the secrets of bromine — •NICOLE BOBROWSKI
UP 6.1	Mi	14:00–14:30	HS 22	Advanced Multi-Parametric Synthetic Aperture Radar Techniques for Environmental Applications — •IRENA HAJNSEK, KOSTAS PAPATHANASSIOU
UP 6.2	Mi	14:30–15:00	HS 22	Aeolus - the first wind lidar in space: Challenges and first results — •OLIVER REITEBUCH, CHRISTIAN LEMMERZ, OLIVER LUX, UWE MARKSTEINER, MARKUS MERINGER, KARSTEN SCHMIDT, FABIAN WEILER, BENJAMIN WIT- SCHAS, DORIT HUBER, INES NIKOLAUS, THOMAS KANITZ
UP 9.1	Do	14:00–14:30	HS 22	Hydrodynamic control of biogeochemical cycling in streams — •ANDREAS LORKE, CHRISTIAN NOSS, CHRISTINE ANLANGER, UTE RISSE-BUHL, MARKUS WEITERE
UP 9.2	Do	14:30–15:00	HS 22	El Niño's little brother in the tropical Atlantic - mechanisms and impacts — •JOKE LÜBBECKE

Hauptvorträge des fachübergreifenden Symposiums SYSA (Remote sensing of planetary atmospheres)

Das vollständige Programm dieses Symposiums ist unter SYSA aufgeführt.

SYSA 1.1	Di	14:00–14:30	Plenarsaal	Remote sensing of planetary atmospheres: questions and (some) answers. — ●MARTINE DE MAZIERE, SIEGLINDE CALLEWAERT, BART DILS, BAVO LANGEROCK, CHARLES ROBERT, MAHESH K. SHA, SOPHIE VANDENBUSSCHE, CORINNE VIGOUROUX, MINQIANG ZHOU
SYSA 1.2	Di	14:30–15:00	Plenarsaal	24 years of atmospheric trace gas observations from spectrally resolving UV/vis satellite observations: optimisation of the spatio-temporal resolution and coverage — ●THOMAS WAGNER
SYSA 1.3	Di	15:00–15:30	Plenarsaal	Infrared Remote Sensing of the Atmosphere of Mars — ●ARMIN KLEINBÖHL
SYSA 1.4	Di	15:30–16:00	Plenarsaal	Investigating planetary atmospheres in our own Solar System and beyond: Advances and Perspectives — ●MIRIAM RENGEL

Programmübersicht

UP 1	Di	11:00–11:15	HS 22	Begrüßung
UP 2.1–2.6	Di	11:15–13:00	HS 22	Air pollution and tropospheric chemistry
UP 3.1–3.9	Di	16:30–18:45	HS 22	Planetary atmospheres (joint session EP/UP)
UP 4.1–4.6	Mi	11:00–12:45	HS 22	Trace gases and greenhouse gases
UP 5	Mi	13:00–14:00	HS 22	Meeting of members of the DPG environmental physics division
UP 6.1–6.6	Mi	14:00–16:00	HS 22	Remote sensing and data analysis methods
UP 7.1–7.5	Mi	16:30–18:10	HS 22	Clouds and aerosols
UP 8.1–8.5	Do	11:00–12:40	HS 22	Physics of the middle atmosphere
UP 9.1–9.4	Do	14:00–15:40	HS 22	Hydrology, oceanography and miscellaneous
UP 10.1–10.6	Do	16:30–18:30	HS 22	Poster session

Mitgliederversammlung des Fachverbands Umweltphysik

Mittwoch 13:00–14:00 HS 22

Mitglieder des Fachverbands sowie Gäste sind herzlich willkommen. Ein Imbiss wird bereitgestellt.