

Extraterrestrial Physics Division Fachverband Extraterrestrische Physik (EP)

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Overview of Invited Talks and Sessions

(Lecture rooms: DO24 1.103 and SPA Kapelle; Posters: DO24 Foyer)

Invited Talks

EP 1.1	Mon	14:00–14:30	DO24 1.103	The gaseous outskirts of the Milky Way — ●PHILIPP RICHTER
EP 2.1	Mon	16:30–17:00	DO24 1.103	Modeling of the solar impact on the climate system — ●EUGENE ROZANOV
EP 3.1	Tue	10:30–11:00	DO24 1.103	Sources of ECMWF-resolved gravity waves revealed by ray-tracing — ●PETER PREUSSE, MANFRED ERN, SILVIO KALISCH, STEPHEN ECKERMANN, HYE-YEONG CHUN, MARTIN RIESE
EP 4.1	Tue	14:00–14:30	DO24 1.103	Atmospheric Waves on Mars and Venus — ●SILVIA TELLMANN, BERND HÄUSLER, MARTIN PÄTZOLD, MICHAEL K. BIRD, G. LEONARD TYLER, THOMAS P. ANDERT, STEFAN REMUS
EP 8.1	Fri	10:30–11:00	DO24 1.103	Solar magnetic fields and their heliospheric response — ●JULIA K. THALMANN
EP 8.2	Fri	11:00–11:15	DO24 1.103	An Introduction to the International Space Weather Initiative — ●MICHAEL DANIELIDES

Invited talks of the joint symposium SYSE

See SYSE for the full program of the symposium.

SYSE 1.1	Wed	14:00–14:30	Audimax	Addressing open questions of stellar evolution with laboratory experiments — ●ALMUDENA ARCONES
SYSE 1.2	Wed	14:30–15:00	Audimax	Methods and problems of the modern theory of stellar evolution — ●ACHIM WEISS
SYSE 1.3	Wed	15:00–15:30	Audimax	Photoabsorption and opacity in the X-ray region: The role of highly charged ions — ●JOSÉ R. CRESPO LÓPEZ-URRUTIA
SYSE 1.4	Wed	15:30–16:00	Audimax	Neutron-rich matter: From cold atoms to neutron stars — ●ACHIM SCHWENK

Invited talks of the joint symposium SYRE

See SYRE for the full program of the symposium.

SYRE 1.1	Wed	16:30–17:00	Audimax	Rare and large events: examples from the natural sciences and economics — ●THOMAS GUHR
SYRE 1.2	Wed	17:00–17:30	Audimax	The roles of energy-level and electronic-coupling fluctuations in the control of biomolecular and small-molecule charge transfer reactions — ●SPIROS SKOURTIS
SYRE 1.3	Wed	17:30–18:00	Audimax	What do we know about extreme solar events? — ●ILYA USOSKIN
SYRE 1.4	Wed	18:00–18:30	Audimax	The climate impact of very large volcanic eruptions: An Earth system model approach — ●CLAUDIA TIMMRECK

Invited talks of the joint symposium SYPA

See SYPA for the full program of the symposium.

SYPA 1.1	Thu	14:00–14:30	SPA Kapelle	Cosmic Particle Acceleration — ●GAETANO ZIMBARDO, SILVIA PERRI
SYPA 1.2	Thu	14:30–15:00	SPA Kapelle	Simulation of shock waves — ●FELIX SPANIER
SYPA 1.3	Thu	15:00–15:30	SPA Kapelle	Dynamo experiments: A guide through dynamo theory — ●ANDREAS TILGNER
SYPA 1.4	Thu	15:30–16:00	SPA Kapelle	Turbulent dynamo effects in astrophysical plasmas — ●WOLFRAM SCHMIDT, DOMINIK SCHLEICHER
SYPA 1.5	Thu	16:30–17:00	SPA Kapelle	Physical Processes in the Turbulent Interstellar Medium — ●DIETER BREITSCHWERDT, MIGUEL DE AVILLEZ, MICHAEL SCHULREICH, JENNY FEIGE, CHRISTIAN DETTBARN

Sessions

EP 1.1–1.7	Mon	14:00–16:00	DO24 1.103	Astrophysik
EP 2.1–2.7	Mon	16:30–18:30	DO24 1.103	Erdnaher Weltraum
EP 3.1–3.7	Tue	10:30–12:30	DO24 1.103	Erdnaher Weltraum / Planeten
EP 4.1–4.7	Tue	14:00–16:00	DO24 1.103	Planeten
EP 5.1–5.25	Tue	16:30–18:30	DO24 Foyer	Postersitzung
EP 6.1–6.8	Thu	10:30–12:30	DO24 1.103	Exoplaneten und Astrobiologie
EP 7.1–7.2	Thu	18:00–18:30	SPA Kapelle	Sonne und Heliosphäre (I)
EP 8.1–8.9	Fri	10:30–13:00	DO24 1.103	Sonne und Heliosphäre (II)

Annual General Meeting of the Extraterrestrial Physics Division

Donnerstag 12:30–13:30 DO24 1.103

- Bericht
- Wahl
- Verschiedenes