

Extraterrestrial Physics Division Fachverband Extraterrestrische Physik (EP)

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Overview of Invited Talks and Sessions

(Lecture hall H-HS XVIII; Poster Zelt)

Plenary Talk of EP

See PV for details.

PV XIII	Thu	9:45–10:30	H-Aula/HS I/HS X	Geophysics in Elysium Planitia - First Year Results from the InSight Mars Mission — •MATTHIAS GROTT, BRUCE BANERDT, SUZANNE SMREKAR, TILMAN SPOHN, PHILIPPE LOGNONNE, CHRISTOPHER RUSSEL, CATHERINE JOHNSON, DON BANFIELD, JUSTIN MAKI, MATT GOLOMBEK, DOMENIKO GIRARDINI, WILLIAM PIKE, ANNA MITTELHOLZ, YANAN YU, ATTILIO RIVOLDINI
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Invited Talks

EP 1.1	Mon	16:30–17:00	H-HS VIII	Erforschung des Weltraumwetters am DLR Institut für Solar-Terrestrische Physik — •JENS BERDERMANN
EP 1.4	Mon	17:30–18:00	H-HS VIII	Using multiple radar stations to examine atmospheric tides and their variability — •PATRICK ESPY, WILLEM VAN CASPEL, ROBERT HIBBINS
EP 2.1	Tue	11:00–11:30	H-HS VIII	Parker Solar Probe and Solar Orbiter — •GOTTFRIED MANN
EP 4.1	Wed	10:30–11:00	H-HS VIII	Linking Solar Eruptions and Energetic Particles through Observations and Modeling — •FREDERIC EFFENBERGER
EP 5.1	Wed	14:00–14:30	H-HS VIII	New Opportunities with the Regularized κ-Distribution — •EDIN HUSIDIC
EP 5.4	Wed	15:00–15:30	H-HS VIII	The journey of the Voyagers into the interstellar medium — •KLAUS SCHERER
EP 7.1	Thu	11:00–11:30	H-HS VIII	Juno observations of Jupiter's aurora: Wave-particle Interaction in Jupiter's stressed magnetosphere — •JOACHIM SAUR
EP 9.1	Thu	14:00–14:30	H-HS VIII	The CoPhyLab: How to Study Comets in the Laboratory — •BASTIAN GUNDLACH
EP 10.1	Thu	15:00–16:00	H-HS VIII	Nonthermal astrophysics: cosmic ray particles and cosmic magnetic fields — •REINHARD SCHLICKEISER
EP 11.5	Thu	17:30–18:00	H-HS VIII	Topology-driven magnetic reconnection — •RAQUEL MÄUSLE, JEAN-MATHIEU TEISSIER, WOLF-CHRISTIAN MÜLLER
EP 12.1	Fri	9:00– 9:30	H-HS VIII	Asteroseismology of red-giant stars — •SASKIA HEKKER
EP 13.1	Fri	10:00–10:30	H-HS VIII	Habitability of extrasolar planets and the impact of interior-atmosphere interactions under different stellar evolutions — •MAREIKE GODOLT

Invited talks of the joint symposium SYMD

See SYMD for the full program of the symposium.

SYMD 1.1	Mon	14:30–15:00	H-Aula/HS I/HS X	N-Particle Scattering and Asymptotic Completeness in Wedge-Local Quantum Field Theories — •MAXIMILIAN DUELL
SYMD 1.2	Mon	15:00–15:30	H-Aula/HS I/HS X	First observation of double electron capture in Xe-124 with the dark matter detector XENON1T — •ALEXANDER FIEGUTH
SYMD 1.3	Mon	15:30–16:00	H-Aula/HS I/HS X	Anisotropic Transport of Galactic Cosmic Rays based on Stochastic Differential Equations — •LUKAS MERTEN

Sessions

EP 1.1–1.4	Mon	16:30–18:00	H-HS VIII	Near Earth Space
EP 2.1–2.5	Tue	11:00–12:30	H-HS VIII	Sun and Heliosphere I
EP 3.1–3.15	Tue	16:30–18:30	Zelt	Poster session
EP 4.1–4.7	Wed	10:30–12:30	H-HS VIII	Sun and Heliosphere II
EP 5.1–5.5	Wed	14:00–15:45	H-HS VIII	Sun and Heliosphere III
EP 6.1–6.4	Wed	16:30–18:30	H-HS X	Combined detector session (joint session HK/T/ST/EP)
EP 7.1–7.5	Thu	11:00–12:30	H-HS VIII	Planets and small Objects I
EP 8	Thu	12:30–13:30	H-HS VIII	Hauptversammlung AEF und DPG-EP (in German)
EP 9.1–9.2	Thu	14:00–14:45	H-HS VIII	Planets and small Objects II
EP 10.1–10.1	Thu	15:00–16:00	H-HS VIII	Arne Richter Lecture
EP 11.1–11.7	Thu	16:30–18:30	H-HS VIII	Astrophysics I
EP 12.1–12.2	Fri	9:00– 9:45	H-HS VIII	Astrophysics II
EP 13.1–13.9	Fri	10:00–12:30	H-HS VIII	Exoplanets and Astrobiology

Mitgliederversammlung AEF und Fachverband Extraterrestrische Physik

Donnerstag, den 02.04.2020, um 12:30 im H-HS XVIII

- Begrüßung
- Feststellung der Beschlussfähigkeit
- Kenntnisnahme des Protokolls der Mitgliederversammlung 2019
- Bericht des Vorstandes
- Bericht aus DPG und der DPG-Sektion Materie und Kosmos (SMuK)
- Bericht des Schatzmeisters (AEF)
- Entlastung des Vorstandes (AEF)
- Höhepunkte und Veranstaltungen 2019, 2020
- Abstimmung über Tagungsorte 2022 und 2024 (AEF und DPG-EP)
- Internationale Weltraumwetterinitiative ISWI
- Bericht aus den Kommissionen
- Kommissionsstruktur
- Webseite und Mitgliederverwaltung (AEF)
- Sonstiges