

PS – Planetary & Solar System Sciences (#EGU18PS) – Orals

Monday, 09 April

MO1 , 08:30–10:00	PS1.5 , Lunar Science, Exploration and Utilisation, 08:30–10:00 , Room L1
	ST1.5/PS4.6 , Solar Eruptions and their Heliospheric imprint (co-organized), 08:30–10:00 , Room 1.61
	EMRP2.5/GD4.2/GI2.12/PS6.1/ST2.11 , Earth's and planetary magnetic fields: spatial and temporal characteristics (co-organized), 08:30–10:00 , Room K1
MO2 , 10:30–12:00	PS4.2/BG8.2 , Planetary Habitability: From Early Planetary Evolution to the Formation of Life (co-organized), 10:30–12:00 , Room L1
	GM1.4/PS1.8 , Planetary Geomorphology (co-organized), 10:30–12:00 , Room 0.31
	GDB2 , Hands on or hands off?, 10:30–12:00 , Room E1
MOL , 12:15–13:15	PCN2 , EGU Plenary, 12:15–13:15 , Room E1
MO3 , 13:30–15:00	PS2.1/ST1.8 , Small Objects and Dust: Dwarf Planets, Asteroids, Comets, Meteoroids (co-organized), 13:30–17:00 , Room L1
	GI2.1/AS5.2/BG1.29/CL5.27/NH1.19/PS5.4/ST4.9 , Atmospheric and Meteorological Instrumentation (co-organized), 13:30–15:00 , Room 0.49
	US2 , The future of Earth and Planetary Observations from Space, 13:30–17:00 , Room E1
MO4 , 15:30–17:00	PS2.1/ST1.8 , Small Objects and Dust: Dwarf Planets, Asteroids, Comets, Meteoroids (co-organized), 13:30–17:00 , Room L1
	US2 , The future of Earth and Planetary Observations from Space, 13:30–17:00 , Room E1

Tuesday, 10 April

TU1 , 08:30–10:00	PS2.1/ST1.8 , Small Objects and Dust: Dwarf Planets, Asteroids, Comets, Meteoroids (co-organized), 08:30–10:00 , Room L1
TU1b , 09:00–10:00	US1 , Past achievements and future challenges for the Geosciences (co-sponsored by AGU), 09:00–12:00 , Room E1
TU2 , 10:30–12:00	PS1.6 , Mars Science and Exploration (including Runcorn-Florenksy Medal Lecture), 10:30–17:00 , Room 1.61
	ML28/PS , Runcorn-Florenksy Medal Lecture by Yves Langevin (co-organized), 10:30–11:30 , Room 1.61
	US1 , Past achievements and future challenges for the Geosciences (co-sponsored by AGU), 09:00–12:00 , Room E1
TUL , 12:15–13:15	DM17/PS , Division meeting for Planetary and Solar System Sciences (PS) (co-organized), 12:15–13:15 , Room L3
TU3 , 13:30–15:00	PS1.6 , Mars Science and Exploration (including Runcorn-Florenksy Medal Lecture), 10:30–17:00 , Room L3
	GDB4 , Low-risk geo-engineering: are techniques available now?, 13:30–15:00 , Room E1
TU4 , 15:30–17:00	PS1.6 , Mars Science and Exploration (including Runcorn-Florenksy Medal Lecture), 10:30–17:00 , Room L3
	PS5.2/GI2.21 , Space Instrumentation, Planetary landers and Rovers (co-organized), 15:30–17:00 , Room 1.61
TU6a , 19:00–20:30	GDB3 , The Early Career Scientists' Great Debate: Should early career scientists use time developing transferrable skills?, 19:00–20:30 , Room E1

Wednesday, 11 April

WE1 , 08:30–10:00	PS4.4/ST4.4 , Planetary Space Weather (including Arne Richter Award for Outstanding ECS Lecture) (co-organized), 08:30–12:00, Room 1.61
	IE2.2/GMPV1.4/BG1.11/CL4.29/ERE1.6/GD3.6/PS1.1/SSP1.10 , Terrestrial Planet Evolution: deep carbon cycle and interior/exterior coupling (co-organized), 08:30–10:00, Room N2
	ML7/PS , Arne Richter Award for Outstanding ECS Lecture by Zhonghua Yao (co-organized), 09:15–09:45, Room 1.61
	GI1.5/EMRP4.6/ESSI2.11/NH11.10/PS5.5 , Data fusion, integration, correlation and advances of non-destructive testing methods and numerical developments for engineering and geosciences applications (co-organized), 08:30–12:00, Room 0.49
	GI2.9/AS5.22/NH6.14/PS5.6 , Calibration/Validation of Earth Satellite Measurements (co-organized), 08:30–12:00, Room M2
	US4 , Fifty years of International Ocean Drilling, 08:30–12:00, Room E1
WE2 , 10:30–12:00	PS4.4/ST4.4 , Planetary Space Weather (including Arne Richter Award for Outstanding ECS Lecture) (co-organized), 08:30–12:00, Room 1.61
	GI1.5/EMRP4.6/ESSI2.11/NH11.10/PS5.5 , Data fusion, integration, correlation and advances of non-destructive testing methods and numerical developments for engineering and geosciences applications (co-organized), 08:30–12:00, Room 0.49
	GI2.9/AS5.22/NH6.14/PS5.6 , Calibration/Validation of Earth Satellite Measurements (co-organized), 08:30–12:00, Room M2
	US4 , Fifty years of International Ocean Drilling, 08:30–12:00, Room E1
WE3 , 13:30–15:00	GI2.4/NH6.8/PS4.9 , Sentinels for Science: Advances in Land dynamics and processes understanding (co-organized), 13:30–15:00, Room M2
WE4 , 15:30–17:00	GI2.3/NH6.9/PS6.5 , Sentinels for Science: Advances in Ocean science and Cryosphere research (co-organized), 15:30–17:00, Room M2
WE5 , 17:30–19:00	PCN3 , EGU Award Ceremony, 17:30–20:00, Room E1
WE6 , 19:00–20:00	PCN3 , EGU Award Ceremony, 17:30–20:00, Room E1
Thursday, 12 April	
TH1 , 08:30–10:00	US3 , Cassini and future perspectives for the exploration of the outer solar system, 08:30–12:00, Room E1
TH2 , 10:30–12:00	GMPV2.2/PS1.10 , High-precision geochronology of geological and planetary processes (co-organized), 10:30–12:00, Room -2.47
	US3 , Cassini and future perspectives for the exploration of the outer solar system, 08:30–12:00, Room E1
TH3 , 13:30–15:00	PS3.2 , Juno at Jupiter: results from onboard instruments and ground-based supporting observations, 13:30–17:00, Room 1.61
	PS4.5/ST1.9 , Planetary, Solar and Heliospheric Radio Emissions (co-organized), 13:30–15:00, Room L1
	GDB5 , Natural versus anthropogenic threats for life on Earth, 13:30–15:00, Room E1
TH4 , 15:30–17:00	PS3.2 , Juno at Jupiter: results from onboard instruments and ground-based supporting observations, 13:30–17:00, Room 1.61
Friday, 13 April	
FR1 , 08:30–10:00	PS3.1 , Outer Planets Systems (including David Bates Medal Lecture), 08:30–17:00, Room M2
	ML11/PS , David Bates Medal Lecture by Bruno Bézard (co-organized), 08:30–09:30, Room M2

	GD3.1/GMPV7.3/PS1.2/SM4.08 , Dynamics, structure, evolution and cyclicity of the plate-mantle system in the Earth and planetary bodies (including Augustus Love Medal Lecture) (co-organized), 08:30–15:00, Room D3
	GMPV2.7/PS1.12 , Accretion, Differentiation and Volatiles: constraints on terrestrial planets (co-organized), 08:30–10:00, Room -2.47
	GI3.3/EMRP4.10/NH9.23/PS4.10 , Cultural Heritage resilience against climate events and other risks: modelling, remote and in-situ sensing, material characterization and ICT tools (co-sponsored by JpGU) (co-organized), 08:30–10:00, Room L3
	US5 , Scientific research in a changing European Union: where we stand and what we aim for?, 08:30–10:00, Room E1
FR2, 10:30–12:00	PS3.1 , Outer Planets Systems (including David Bates Medal Lecture), 08:30–17:00, Room M2
	GD3.1/GMPV7.3/PS1.2/SM4.08 , Dynamics, structure, evolution and cyclicity of the plate-mantle system in the Earth and planetary bodies (including Augustus Love Medal Lecture) (co-organized), 08:30–15:00, Room D3
	ST2.10/PS4.8 , Asymmetries in geospace and planetary environments (co-organized), 10:30–12:00, Room 1.61
FR3, 13:30–15:00	PS1.9/GMPV10.8/TS11.6 , 2D/3D digital geological mapping and modelling: advanced techniques and case studies (co-organized), 13:30–17:00, Room M2
	PS3.1 , Outer Planets Systems (including David Bates Medal Lecture), 08:30–17:00, Room B
	GD3.1/GMPV7.3/PS1.2/SM4.08 , Dynamics, structure, evolution and cyclicity of the plate-mantle system in the Earth and planetary bodies (including Augustus Love Medal Lecture) (co-organized), 08:30–15:00, Room D3
	GI2.7/AS4.16/CL5.23/EMRP4.8/HS11.13/PS4.7 , Cosmic rays across scales and disciplines: the new frontier in environmental research (co-organized), 13:30–17:00, Room L3
FR4, 15:30–17:00	PS1.9/GMPV10.8/TS11.6 , 2D/3D digital geological mapping and modelling: advanced techniques and case studies (co-organized), 13:30–17:00, Room M2
	PS3.1 , Outer Planets Systems (including David Bates Medal Lecture), 08:30–17:00, Room B
	GI2.7/AS4.16/CL5.23/EMRP4.8/HS11.13/PS4.7 , Cosmic rays across scales and disciplines: the new frontier in environmental research (co-organized), 13:30–17:00, Room L3

PS – Planetary & Solar System Sciences (#EGU18PS) – PICO

Monday, 09 April

MO3 , 13:30–15:00	CL5.02/AS5.7/BG1.38/GD10.9/GI0.5/GM2.10/GMPV10.9/HS11.25/NH11.1/NP9.4/OS4.14/PS6.4/SM7.04/SSP1.12/SSS13.12/ST4.8/TS11.9 , The development of geoscientific modelling (co-organized), PICO spot 5a
MO4 , 15:30–17:00	CL5.02/AS5.7/BG1.38/GD10.9/GI0.5/GM2.10/GMPV10.9/HS11.25/NH11.1/NP9.4/OS4.14/PS6.4/SM7.04/SSP1.12/SSS13.12/ST4.8/TS11.9 , The development of geoscientific modelling (co-organized), PICO spot 5a

Tuesday, 10 April

TU3 , 13:30–15:00	PS5.1/GD1.3/GI2.22/NH6.12/ST1.10 , New mission concepts for planetary exploration (co-organized), PICO spot 4
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Wednesday, 11 April

WE1 , 08:30–10:00	PS1.11 , Atmospheres of terrestrial planets, PICO spot 1
	GMPV2.9/PS6.3 , Metals and sulfides in magmatic systems: from core formation to ore formation (co-organized), PICO spot 3

Thursday, 12 April

TH1 , 08:30–10:00	PS1.3 , Interdisciplinary Studies at Mercury, PICO spot 4
TH2 , 10:30–12:00	BG8.1/PS4.3 , Planetary geobiological analogs for Mars and beyond: Field, lab and simulations (co-organized), PICO spot A

PS – Planetary & Solar System Sciences (#EGU18PS) – Posters

Monday, 09 April

MO5, 17:30–19:00	PS1.5, Lunar Science, Exploration and Utilisation, Hall X4, X4.273–X4.292
	PS2.1/ST1.8, Small Objects and Dust: Dwarf Planets, Asteroids, Comets, Meteoroids (co-organized), Hall X4, X4.293–X4.330
	PS4.2/BG8.2, Planetary Habitability: From Early Planetary Evolution to the Formation of Life (co-organized), Hall X4, X4.331–X4.345
	GM1.4/PS1.8, Planetary Geomorphology (co-organized), Hall X1, X1.275–X1.293
	ST1.5/PS4.6, Solar Eruptions and their Heliospheric imprint (co-organized), Hall X4, X4.189–X4.210
	GI2.1/AS5.2/BG1.29/CL5.27/NH1.19/PS5.4/ST4.9, Atmospheric and Meteorological Instrumentation (co-organized), Hall X1, X1.54–X1.74
	EMRP2.5/GD4.2/GI2.12/PS6.1/ST2.11, Earth's and planetary magnetic fields: spatial and temporal characteristics (co-organized), Hall X2, X2.80–X2.102

Tuesday, 10 April

TU5, 17:30–19:00	PS1.6, Mars Science and Exploration (including Runcorn-Florenksy Medal Lecture), Hall X4, X4.196–X4.217
	PS5.2/GI2.21, Space Instrumentation, Planetary landers and Rovers (co-organized), Hall X4, X4.218–X4.230

Wednesday, 11 April

WE5, 17:30–19:00	PS4.4/ST4.4, Planetary Space Weather (including Arne Richter Award for Outstanding ECS Lecture) (co-organized), Hall X4, X4.161–X4.184
	PS4.5/ST1.9, Planetary, Solar and Heliospheric Radio Emissions (co-organized), Hall X4, X4.185–X4.197
	IE2.2/GMPV1.4/BG1.11/CL4.29/ERE1.6/GD3.6/PS1.1/SSP1.10, Terrestrial Planet Evolution: deep carbon cycle and interior/exterior coupling (co-organized), Hall X2, X2.345–X2.361
	GI2.4/NH6.8/PS4.9, Sentinels for Science: Advances in Land dynamics and processes understanding (co-organized), Hall X4, X4.298–X4.313
	GI1.5/EMRP4.6/ESSI2.11/NH11.10/PS5.5, Data fusion, integration, correlation and advances of non-destructive testing methods and numerical developments for engineering and geosciences applications (co-organized), Hall X4, X4.262–X4.281
	GI2.9/AS5.22/NH6.14/PS5.6, Calibration/Validation of Earth Satellite Measurements (co-organized), Hall X4, X4.314–X4.331
	GI2.3/NH6.9/PS6.5, Sentinels for Science: Advances in Ocean science and Cryosphere research (co-organized), Hall X4, X4.282–X4.297

Thursday, 12 April

TH5, 17:30–19:00	PS3.1, Outer Planets Systems (including David Bates Medal Lecture), Hall X4, X4.146–X4.182
	PS3.2, Juno at Jupiter: results from onboard instruments and ground-based supporting observations, Hall X4, X4.183–X4.200
	GMPV2.2/PS1.10, High-precision geochronology of geological and planetary processes (co-organized), Hall X2, X2.280–X2.294

GI3.3/EMRP4.10/NH9.23/PS4.10, Cultural Heritage resilience against climate events and other risks: modelling, remote and in-situ sensing, material characterization and ICT tools (co-sponsored by JpGU) (co-organized), **Hall X1, X1.93–X1.107**

Friday, 13 April

FR5, 17:30–19:00

PS1.9/GMPV10.8/TS11.6, 2D/3D digital geological mapping and modelling: advanced techniques and case studies (co-organized), **Hall X4, X4.182–X4.203**

GD3.1/GMPV7.3/PS1.2/SM4.08, Dynamics, structure, evolution and cyclicity of the plate-mantle system in the Earth and planetary bodies (including Augustus Love Medal Lecture) (co-organized), **Hall X2, X2.303–X2.332**

GMPV2.7/PS1.12, Accretion, Differentiation and Volatiles: constraints on terrestrial planets (co-organized), **Hall X2, X2.347–X2.355**

GI2.7/AS4.16/CL5.23/EMRP4.8/HS11.13/PS4.7, Cosmic rays across scales and disciplines: the new frontier in environmental research (co-organized), **Hall X4, X4.242–X4.259**

ST2.10/PS4.8, Asymmetries in geospace and planetary environments (co-organized), **Hall X4, X4.137–X4.151**