EPSC-DPS Joint Meeting 2019 Session Programme

Programme group colour key

- Terrestrial Planets (TP)
- Outer Planet Systems (OPS)
- Outreach, Education and Policy (OEP)
- Missions, Techniques and Industry (MTI)
- Exoplanets and Origins (EXO)
- Small Bodies (comets, KBOs, rings, asteroids, meteorites, dust) (SB)
- Splinter meetings & workshops (SMW)

Day	Time block	Time	Jupiter room (Room 1)	Saturn room (Room 2)	Uranus room (Room 3)	Neptune room (Room 4)	Earth room (Room 5)	Venus room (Room 6)	Mars room (Room 18)	Mercury room (Room 7+8)	Moon room (Room 15)	Pluto room (Room 13)	Ceres room (Room 14)	Council room
Sunday	1	08:30–10:00												CE1 - DPS committee meeting
	2	10:30–12:00												
	Lunch	12:15–13:15												
	3	13:30–15:00											SMW1.25 User tutorial on SSHADE solid spectroscopy database for Planetary Sciences	
	4	15:30–17:00	ICE BREAKER RECEPTION									SMW2.5 JWST-ERS	SMW1.16 Preparing Cycle 1 Solar System Science Observations with JWST	
	5	17:15–18:30		CE3 - Life stories - a career in planetology										CE15 (17:00–17:30)
Monday	1	08:30–10:00	TP4 Exploration of Mars - Present and Future		SB2 Laboratory measurements and models for small bodies	EXO7/TP18/OPS7 Planetary Aeronomy – Near and Afar	TP8 Mercury Science and Observation	OPS1 Ice Giant Systems	SB1 Surveys of discovery and characterisation of small bodies including ESA's Gaia	ODA1 Role of Citizen Science and Outreach in Scientific Research	MIT10 Machine Learning and Deep Learning for planetary sciences			
	2	10:30–12:00	CE4 Opening Ceremony											
	Lunch	12:15–13:15												
	3	13:30–15:00		SMW1.11 Status Report on Planning for the Next Planetary Science Decadal Survey				OPS1 Ice Giant Systems	SB1 Surveys of discovery and characterisation of small bodies including ESA's Gaia	ODA2 Professional-Amateur collaborations in small bodies, terrestrial and giant planets, exoplanets, and ground-based support of space missions	MIT9 Tools and Databases for Solar and Planetary Sciences at the Big Data Era	SMW2.1 JUICE-Clipper science workshop part 1		
	4	15:30–17:00	TP4 Exploration of Mars - Present and Future	OPS2 Saturn system and the Cassini-Huygens mission	SB2 Laboratory measurements and models for small bodies	EXO1 Exoplanet observations, modelling and experiments I	TP8 Mercury Science and Observation	SB4 Planetesimals: primitive and differentiated small bodies, including Vesta and Ceres as seen after the Dawn mission	EXO18/TP7/OPS10/SB12 Origin, Evolution, and Exploration of Solar System Satellites			SMW2.2 JUICE-Clipper science workshop part 2	SMW1.8 ARIEL Data Challenges 2019	
	5	17:15–18:30										SMW1.18 PDS Ring-Moon Systems Node Advisory Forum	CE14 From science to science communications (EPEC short course)	
Tuesday	1	08:30–10:00				TP20 Ionospheres of Unmagnetized Bodies in the Solar System and their responses to space weather activity: Terrestrial Planets and comets		EXO2 Exoplanet observations, modelling and experiments II: Toward the Characterisation of Temperate Earth-sized Planets					SMW1.27 EPSC Industry Session	
	2	10:30–12:00	TP4 Exploration of Mars - Present and Future	SB3 Small-body missions including Hayabusa2 and OSIRIS-REx	OPS2 Saturn system and the Cassini-Huygens mission		TP13/OPS12/SB13 Planetary Dynamics I: Shape, Gravity, Orbit, Tides, and Rotation from Observations and Models		SB1 Surveys of discovery and characterisation of small bodies including ESA's Gaia	EXO5/TP19/OPS6 Aerosols and clouds in planetary atmospheres		SMW1.3 Digging into the Rosetta Mission archive	SMW1.10 NEWTON WorkShop	
	Lunch	12:15–13:15	CE5 DPS business meeting										CE7 Thriving, not surviving, during PhD (EPEC short course)	
	3	13:30–15:00	TP4 Exploration of Mars - Present and Future	SB3 Small-body missions including Hayabusa2 and OSIRIS-REx	OPS2 Saturn system and the Cassini-Huygens mission	TP20 Ionospheres of Unmagnetized Bodies in the Solar System and their responses to space weather activity: Terrestrial Planets and comets	TP13/OPS12/SB13 Planetary Dynamics I: Shape, Gravity, Orbit, Tides, and Rotation from Observations and Models	EXO12 Host Stars and Exoplanet Systems: Atmospheric Escape and Space Plasma Environment	MIT6 Interstellar Probe: science, mission designs, opportunities and challenges	EXO5/TP19/OPS6 Aerosols and clouds in planetary atmospheres		SMW1.20 First steps in Astronomy - teaching small children	SMW1.22 sbpy – A Python Module for Small-Body Planetary Astronomy	
	4	15:30–17:00				TP21 Magnetospheric Dynamics at the Terrestrial Planets						SMW1.17 Publishing in and reviewing for AGU journals	SMW1.23 Allyship Discussion Group	
	5	17:15–18:30	POSTER SESSION 1											
	6	19:00–21:30	CE6 Space exploration night											
Wednesday	1	08:30–10:00						OPS2 Saturn system and the Cassini-Huygens mission		ODA3 Diversity and Inclusiveness in Planetary Sciences				
	2	10:30–12:00	OPS3/EXO16 - Ocean Worlds and Icy Moons	SB9 Comets, asteroid-comet continuum, and our knowledge after Rosetta	TP1 - Mars Interior and Surface	EXO2 Exoplanet observations, modelling and experiments II: Toward the Characterisation of Temperate Earth-sized Planets	TP21 Magnetospheric Dynamics at the Terrestrial Planets	TP14/OPS13/EXO15 Planetary Dynamics II - Multi-disciplinary perspective on coupled planet formation and evolution	MIT8 Lunar and planetary outposts for sustainable settlements, discovery and technology	ODA5 Leveraging Outreach in Planetary Defence		SMW1.7 International Outer Planets Watch Atmospheres	SMW2.4 Dawn	
	Lunch	12:15–13:15		SMW1.5 Women in Planetary Science Discussion Hour								SMW2.3 Comet Interceptor Mission Meeting	SMW2.8 PDS Small Bodies Node Advisory Council	
	3	13:30–15:00	OPS3/EXO16 - Ocean Worlds and Icy Moons	SB9 Comets, asteroid-comet continuum, and our knowledge after Rosetta	TP1 - Mars Interior and Surface	TP17/OPS8 Atmospheres and Exospheres of Terrestrial Bodies	EXO6 Formation and Evolution of Planetary Systems: From Disks to Planets	TP14/OPS13/EXO15 Planetary Dynamics II - Multi-disciplinary perspective on coupled planet formation and evolution	OPS4 Jupiter midway through the Juno mission	ODA8 The Centennial of the Eddington/Dyson expeditions that verified Einstein's General Theory of Relativity	EXO12 Host Stars and Exoplanet Systems: Atmospheric Escape and Space Plasma Environment	SMW1.2 Workshop on Solar System geometry with SPICE	SMW1.13 3D GIS MINERVA Interactive Demo	
	4	15:30–17:00						TP5 Open Lunar Science & Innovation		SB8 Latest Science Results in Planetary Defence	MIT3 Planetary SmallSats - Missions, Instruments and Technologies		SMW1.28 Euclid Solar-System Science-Working-Group Meeting	
		17:15–18:30										SMW1.1 Ice Giant Systems Workshop	SMW1.15 How to use Planets in a Room	
Thursday	1	08:30–10:00	OPS3/EXO16 - Ocean Worlds and Icy Moons	TP9/MIT5 Venus science & exploration	OPS4 Jupiter midway through the Juno mission	SB9 Comets, asteroid-comet continuum, and our knowledge after Rosetta	EXO8 Future instruments to detect and characterise extrasolar planets	TP5 Open Lunar Science & Innovation	TP2 Mars Fluid Circulation, Fluid-Rock Interactions, and Cryosphere	SB8 Latest Science Results in Planetary Defence	MIT1 Upcoming and Future Planetary Missions and Instrumentation			
	2	10:30–12:00						TP6 Moon and Other Airless Rocks	TP3 Mars Atmospheric Dust Phenomena			SMW1.6 Carbon in the Solar System		
	Lunch	12:15–13:15										SMW1.9 The ESA Planetary Science Archives	SMW1.19 James Webb Space Telescope Town Hall	
	3	13:30–15:00	OPS3/EXO16 - Ocean Worlds and Icy Moons	TP9/MIT5 Venus science & exploration	OPS4 Jupiter midway through the Juno mission	SB10 Computational and experimental astrophysics of small bodies, planets, and granular system: open	EXO4/ TP10/OPS14 Characterizing Matter in Planetary Interiors	TP6 Moon and Other Airless Rocks	TP3 Mars Atmospheric Dust Phenomena	SB7 Collisions among small bodies, on planetary surfaces and with atmospheres (meteors)	MIT1 Upcoming and Future Planetary Missions and Instrumentation	SMW1.14 OpenPlanetary Data Café	SMW1.4 Getting Ready for LSST	
	4	15:30–17:00											SMW1.21 EPEC Science Flash	
	5	17:15–18:30	POSTER SESSION 2											
Friday	1	08:30–10:00	SB5 - Trans-Neptunian objects and their dust environment, Pluto, 2014 MU69, and Centaurs	TP9/MIT5 Venus science & exploration	TP6 Moon and Other Airless Rocks	EXO8 Future instruments to detect and characterise extrasolar planets	EXO4/TP10/OPS14 Characterizing Matter in Planetary Interiors: From Massive Giants to Volcanic Worlds	SB6 Imaging, photometry, polarimetry, and spectroscopy of small bodies and dust	SB11 Planetary ring systems		MIT4 Planetary Exploration - Horizon 2061			
	2	10:30–12:00				EXO9/OPS9 Origin and Evolution of Giant Planet System	EXO11/TP22/OPS5 Astrobiology: The rise of life on and beyond Earth			ODA6 Planetary exploration through Arts / ICEUM14C	MIT2 In situ science on ocean worlds and solid surfaces in the solar system			
	Lunch	12:15–13:15										SMW2.7 IAU WGPSN Meeting	CE12 ESA mission proposals – A field report (EPEC short course)	
	3	13:30–15:00	SB5 - Trans-Neptunian objects and their dust environment, Pluto, 2014 MU69, and Centaurs	TP9/MIT5 Venus science & exploration	TP16 Collisions from small bodies to planetary scale	EXO9 / OPS9 Origin and Evolution of Giant Planet System	EXO10/TP11 Advances in Developing Quantitative and Realistic Models of Terrestrial Planet Formation and Their Chemical Compositions	SB6 Imaging, photometry, polarimetry, and spectroscopy of small bodies and dust	TP23/MIT11/EXO14 Earth Analogues: Extreme Environments as natural field facilities for Space Exploration	ODA4 The solar system and beyond: communicating planetary science in society	SMW1.12 Outer Planets Assessment Group (OPAG) Town Hall		SMW1.26 User tutorial on SSHADE solid spectroscopy database for Planetary Sciences	
	4	15:30–17:00											SMW1.24 The new European Astrobiology Institute	CE13 DPS committee meeting #2
		17:15–18:30												
	Poster Session Group 1		TP1, TP4, TP8, TP5, TP6, TP13, TP14, TP20, TP21, OPS1, OPS2, MIT6, MIT8, MIT9, MIT10, SB1, SB2, SB3, SB4, SB8, EXO1, EXO2, EXO5, EXO6, EXO7, EXO12, EXO18, ODA1, ODA2, ODA8											
	Poster Session Group 2		TP2, TP3, TP9, TP16, TP17, TP23, OPS3, OPS4, MIT1, MIT2, MIT3, MIT4, SB5, SB6, SB7, SB9, SB10, SB11, EXO4, EXO8, EXO9, EXO10, EXO11, ODA3, ODA4, ODA5, ODA6											