

Programme for the COSPAR Planetary Protection PPP Meeting : 14-15 April 2025

Deutsches Zentrum für Luft- und Raumfahrt e.V. (DLR), German Aerospace Center, Linder Hoehe, 51147

Cologne, Germany

Monday 14 April: Planetary Protection Landscape

Chair: Athena Coustenis and Niklas Hedman

12:30-13:00	COFFEE + Registration	
13:00-13:15	Welcome and logistics	Petra Rettberg / Jan Grosser
13:15-13:35	DLR Welcome and Introduction to the Institute of Aerospace Medicine	Walther Pelzer, Kristina Beblo-Vranesevic
13:35-13:50	ESA Introduction	Joern Helbert
13:50-14:00	COSPAR Welcome	Jean-Claude Worms
14:00-14:30	Overview of the Panel recent activities + Q&A	Athena Coustenis with PPP leads
14:30-15:00	<i>Visit of Envihab</i>	Elke Rabbow, Kristina Beblo-Vranesevic
15:00-15:30	COFFEE BREAK	
15:30-17:00	Presentations by the Space Agencies, including commissioned studies	Space agencies representatives
17:00-17:45	Presentation by NASEM and CoPP	Colleen Hartman, David Fidler, Lisa Pratt
17:50	<i>Close</i>	

Tuesday 15 April: Future missions, Limits of Life and Icy worlds session

Chair: Petra Rettberg and Peter Doran

9:15-9:45	COFFEE	
9:45-10:00	Welcome and logistics for the day	Petra Rettberg
10:00-10:30	Next steps for humans to Mars	Nick Bernardini
10:30-11:00	Working towards an international standard for metagenomics	Karen Olsson-Francis, Nick Bernardini
11:00-11:20	COFFEE BREAK	
11:20-11:40	Extremophiles on Earth with relevance for planetary protection of Icy Worlds	Petra Rettberg
11:40-12:05	Update of ESA L4 Mission	Olivier Grasset
12:05-13:15	LUNCH	
13:15-14:15	<i>Visit of EAC + LUNA</i>	Jürgen Schlutz, Lothar Mies
14:15-15:15	Icy Worlds Planetary Protection Panel discussion + Q&A	<i>Peter Doran (Chair)</i> , Alex Hayes, Olivier Grasset, Olga Prieto-Ballesteros, Silvio Sinibaldi, Athena Coustenis
15:15-15:30	Planetary Protection on Ceres	Julie Castillo-Rogez
15:30-15:50	COFFEE BREAK	
15:50-16:05	JUICE (Jupiter Icy Moons Explorer)	Gabriel Tobie
16:05-16:20	PP lessons learned from Europa Clipper	Ryan Hendrickson
16:20-16:50	Sample return receiving and curation facilities Panel	<i>Christian Mustin (Chair)</i> , Caroline Smith, Andi Harrington, Alvin Smith
16:50-17:05	American Society for Testing and Materials International PP subcommittee briefing	Betsy Pugel
17:05-17:50	Planetary Protection in the Commercial and Private sector – panel discussion + Q&A	<i>Niklas Hedman (Chair)</i> , Graeme Poole (Airbus), Enrico Andrea Nistico (TAS Italy), Steve Squyres (Blue Origin), Edward “Beau” Bierhaus (Lockheed Martin)
18:00	<i>Close</i>	