



PLANÈTE MARS
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European Mars Conference 2025

Paris, 28-29 November 2025



Scope of the conference

EMC 2025 is a 2-days conference dedicated to Mars exploration. It offers everyone the opportunity to hear experts in astrophysics, astronautics, robotics, life support, and many other domains, exposing their view on Mars science, Mars exploration by robots, possible scenarios for human missions to Mars and diverse activities for the preparation of these missions, especially in Mars analog terrains. Many representatives of the European chapters of the Mars society will present their activity in their respective country.

Location

Sarrailh Centre de Conférence et de formation
Résidence Jean Sarrailh
39 Avenue Georges Bernanos
75 005 PARIS

<https://planete-mars.com/european-mars-conference-2025/>



Conference Program

(see website for registration and updates)

Friday, November 28th		
9:00-10:00 Registration and welcome coffee and pastries		
Morning session: Mars exploration programs		
10:00-10:15	Philippe Clermont and Jean-Marc Salotti, APM	Welcome introduction
10:15-11:00	Invited talk Philippe Caïs, Lab. Astroph. Bordeaux, France	The SuperCam instrument aboard NASA's Perseverance rover
11:00-11:25	Invited talk, Andrew Ball, ESA	Rosalind Franklin rover
11:25-11:50	Mateusz Jozefowicz, MS Poland	European Rover Challenge
11:50-12:15	Julien Villa-Massone, Dynamik Orbits SAS, Fr.	Marslink: Pioneering High-Speed Earth-Mars Connectivity via a Heliocentric Constellation
12:15-14:00 Lunch (many restaurants nearby)		
Afternoon session 1: Exobiology, life support and sustainable development		
14:00-14:25	Jean-Marc Salotti, APM, France	Composition of the air inside the habitable module
14:25-14:50	Inv. talk Pierre Brisson, MSS, Sw.	Where to live on Mars?
14:50- 15:15	Invited talk Charles Frankel, planetologist, France	Life on Mars: an update
15:15-15:40	Inv. Talk Michel Viso, Innov., Fr.	Mars and the Earthlings
15:40-16:05	Antonio Del Mastro, MS Italy	Initiatives of Mars Planet Technologies in Italy
16:05-16:20 Coffee break		
16:20-16:45	Inv. Talk Lucie Poulet, U. Clerm. Auv. Fr.	Circular Mars
16:45-17:10	Inv. Talk Lucie Thibaud, U. Brem., Germ.	Mars Exploration, Made in Bremen
17:10-18:00	Panel discussion: What is the return on investment for human exploration of Mars? Speakers: Lucie Thibaud, Lucie Poulet, Antonio Del Mastro	

Saturday, November 29th

Morning session: Simulations, Mars analog missions

8:30-9:00 Coffee and pastries offered

9:00-9:45	Invited talk Gernot Grömer, OeWF, Austria	OeWF AMADEE Mars Simulations
9:45-10:10	Benjamin Pothier, The Explorers Club, USA	Post-Mission Quarantine as a Disruptor of the Third Quarter Phenomenon: Lessons from Analogs, Antarctica, and Astronaut Sel.

10:10-10:30 Coffee break

10:30-10:55	Mikołaj Zawadzki, U. Warsaw, Pol.	Analog Space Base in a Mine – A Mars Colony Simulation in an Underground Environment
10:55-11:20	Natalia Godlewska, U. Warsaw, Pol.	Space on Earth-various aspects of analog space missions
11:20-11:45	Isabelle Liemans and Pierre- Emmanuel Paulis, MS Belg.	Euro Space Society -The Mars Society Belgium
11:45-12:10	Sam Ross, MS UK	Open-Source to Mars

12:10-14:00 Lunch (many restaurants nearby)

Afternoon session: Mars missions, engineering and challenges

14:00-14:45	Invited talk Robert Zubrin, MS, USA	How We Can Get to Mars, What We Can Create Once We Are There
14:45-15:10	Invited talk Philippe Coué, APM, France	China's Mars Exploration
15:10- 15:35	Hussah Aldawish, King Fahd Un. of Petr. and Minerals, Saudi Arabia	Wideband Ka-Band 2x2 Microstrip Patch Antenna for Next-Generation Mars Exploration Rovers
15:35-16:00	Ginger Chen, Florida Institute of Technology, USA	Astronauts' Cognitive Mapping: Evolving Identity Through the Chronospatial Frontier (visioconf.)

16:00-16:20 Coffee break

16:20-16:45	Silvana Miranda, SCK CEN / GSI, Belgium	Effects of simulated space conditions on the immune system - focus on T cells
16:45-17h10	Sergii Danylenko, Kyiv Un., Ukraine	How spacetechnology can help protect peace on Earth and settle Mars? (visioconf.)
17:10-17:35	Gal Yoffe, Israel	From Polar to Space exploration - Lessons learned from Arctic Edge
17:35-18h15	Panel discussion: Collaboration among the different chapters	

End of conference