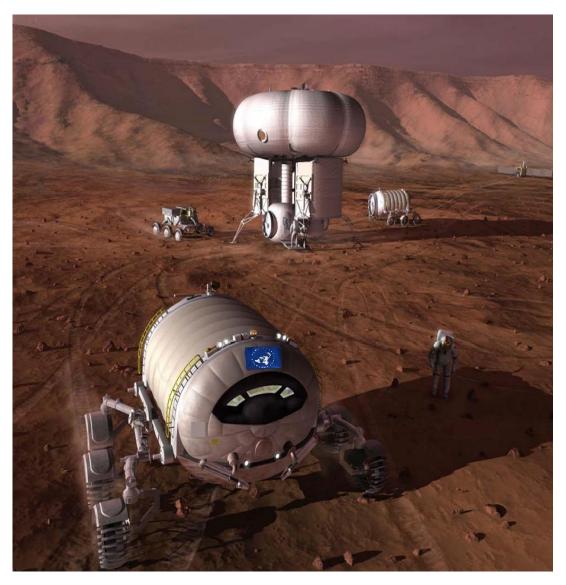


European Mars Conference 2025

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 28 th				
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	Marslink: Pioneering High-Speed Earth-Mars		
	Orbits SAS, Fr.	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 29 th				
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 2×2 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 spacetech 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				