



EMC13

13th Mars Society European Conference

IPSA Paris – Ivry sur Seine

25-27th of October 2013

Program

Friday 25th

2 pm Introduction

Welcome speeches - Alain Souchier (APM) and Hervé Renaudeau (IPSA director)

Program presentation – practical information - Alain Souchier

2.30 pm Session « Agencies Mars program situation »

2.30 pm – Mars and the CNES programs – Michel Viso (CNES)

3.00 pm - ESA Mars program – Olivier Witasse (ESA)

3.30 pm - NASA Mars Program – (NASA)

4.00 pm Break

4.30 pm Life on Mars – Pierre Brisson (Mars Society Switzerland/APM)

Saturday 26th

9am Session « Manned flight to Mars »

9.00 am - MELISSA: The European project of closed life support system – Christophe Lasseur (ESA)

9.30 am - Propulsion options for manned flight to Mars – Elisa Cliquet (CNES)

10.00 am - Important findings on manned Mars missions – Jean-Marc Salotti
(ENSC Bordeaux, IMS lab/UMR 5218, APM)

10.30 am - Break

11.00 am - Mars Inspiration, the Dennis Tito proposal – Robert Zubrin (Mars Society president)

12 am Break for lunch

1.30 pm Session « Robotic Exploration »

1.30 pm - Electric Propulsion to facilitate MSR – Olivier Duchemin
(Safran/Snecma) and Dominique Valentian (consultant)

2.00 pm – Inside Curiosity: ChemCam at Gale crater- Nicolas Mangold
(Nantes University)

2.30 pm – Curiosity SAM results - Michel Cabane (IPSL -LATMOS)

3.00 pm - Scientific enigmas and Mars robotic exploration– François Forget
(IPSL - Dynamic Meteorology Laboratory)

3.30 pm – Break

4.00 pm - INSIGHT 2016: the first geophysical Martian observatory – Philippe Lognonné (IPGP - Paris Diderot University)

4.30 pm - Mars Flyby CubeSat, an educational project to study the radiations – Boris Segret (APM – ESEP – LESIA - Paris Observatory)

7 pm Reception at Aéroclub de France

Sunday 27th

9 am Session « Exploration and simulations »

9 am - The Mars society 365 days 2014/2015 simulation in Arctic - Robert Zubrin (Mars Society president)

9.45 am - MARS2013: a 23-nation Mars Analog Simulation in the Northern Sahara – Gernot Groemer (OEWf/Austrian Space Forum)

10.30 am – Break

11.00 am - Isolated bases, Earth Mars analogies – Alain Souchier (APM)

11.30 am - Mars 105/500 simulation – Cyrille Fournier (Mars 105 crew)

12 am **Break for lunch**

1 pm **Mars Society chapters internal meeting**

2 pm **Session « Outreach and Mars Societies actions»**

2.00 pm - The URC rover competition – Mateusz Jozefowicz (Mars Society Poland)

2.30 pm - The Archimedes Mars balloon project – The MIRIAM test flights – Jürgen Herholz and Kai Gehreth (Mars Society Germany)

3.00 pm - Artificial gravity demonstration on parabolic flight – François Noyez, Denis Le Goff, Victor Vaudaux (Centrale Lille/APM)

3.30 pm – Break

4.00 pm - The MDRS 127 simulation - ULC team (Mars Society Belgium)

4.30 pm – Colonize Mars – Olivier Walter and Pierre Brulhet (APM)

5.15 pm – The ARTSEM association – Stephane Grès (ARTSEM/UTC-TSH-COSTECH)