

SUNDAY, OCTOBER 22

SESSION 5: MAN ON MARS: PROJECT CONTEXT (Olympus Room)

- 9:00-9:30 am SEI political significance - X. Pasco (Fondation pour la recherche stratégique)
- 9:30-10:00 am The Chinese perspective - P. Coué (Dassault Aviation)
- 10:00-10:30am SEI and Mars Direct - R. Zubrin (The Mars Society)

10:30-11:00am **Break**

SESSION 6: MAN ON MARS: TECHNOLOGIES (Olympus Room)

- 11:00-11:30am A pressurized rover for Mars - P. Brulhet, O. Walter (Association Planète Mars)
- 11:30-12:00am Getting there: applicable rocket engines - A. Souchier (Snecma, SAFRAN group)
- 12:00-12:30am The prospect of high-power electric propulsion - E. Cliquet (CNES)
- 12:30-1:00 pm The « Caravelle » strategy, reassessing a proven approach for manned exploration - P. Bultel (CNES)

1:00-2:30 pm **Break**

SESSION 7: EXPLORATION AND SOCIETY (Olympus Room)

- 2:30-3:00 pm The viewpoint of an Earth explorer - R. Belleville (Société des Explorateurs Français)
- 3:00-3:30 pm The viewpoint of an astronaut - P. Baudry (French astronaut and author)
- 3:30-4:00 pm The viewpoint of a philosopher - J. Arnould (CNES)
- 4:00-4:30 pm The specific meaning of Mars exploration - R. Zubrin (The Mars Society)

4:30-5:00 pm **CLOSING SESSION** (Olympus Room)

Throughout the Convention, there will be an exhibit of posters, educative displays, scale models, Martian artwork by artist Manchu, as well as books, T-shirts and posters sales and

display of the SQYMER robot on a simulated martian terrain (by "Magnitude 78" association)

(Magnitude 78)



Visit our Web sites!

www.marssociety.org www.planete-mars.com

6TH EUROPEAN MARS SOCIETY CONFERENCE



(Manchu/APM, NASA/JPL)

October 20 - 22 2006

in the premises of **IPSA**

24 rue Pasteur Le Kremlin-Bicêtre (Metro: Porte d'Italie)

PROGRAM

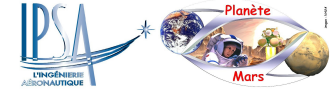
FRIDAY, OCTOBER 20

- 5:00 pm Registration and admission open
- 6:00 pm **Welcome addresses** (Olympus Room)
A. Merran, director, IPSA
R. Heidmann, president Association Planète Mars
- 6:30 pm **Opening debate: Exploring Mars: what is at stake? What role can play European science and technology?** (Olympus Room)
Invited speakers: P. Messina (ESA), F. Spiero (CNES), A. Souchier (Snecma, SAFRAN group), R. Heidmann (Association Planète Mars)
Moderator: O. Sanguy (Espace Magazine)
- 8:00 pm Bus departs for the **Parisian Soirée**
- 8:30-11:00pm **Parisian Soirée** (dinner and cruise on the Seine river; reservation needed)
- 11:00 pm Bus returns to Porte d'Italie

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SATURDAY, OCTOBER 21, MORNING

SESSION 1: WHAT IS OUR CURRENT KNOWLEDGE OF MARS?

(Olympus Room)

9:30-11:00 am Presentations by planetologists F. Forget, N. Mangold & P. Lognonné (CNRS)

11:00-11:30am Break

SESSION 2A: MARS AND THE SEARCH FOR LIFE

(Olympus Room)

11:30-12:15am History and context - C. Frankel (Science author, Association Planète Mars)

12:15-1:00 pm The Pasteur payload of ExoMars - M. Viso (CNES)

SESSION 2B: MARS EXPLORATION SIMULATIONS

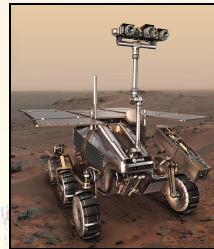
(Elysium Room)

11:30-12:00am AustroMars – a MDRS high fidelity Mars expedition simulation - G. Groemer (Austrian Space Forum)

12:00-12:30am The MAST project - H.S. Gregory

12:30-1:00 pm Food on Mars, Analogue and Real - A. Westenberg (TMS-Netherlands)

1:00-2:30 pm Break



(ESA)

SATURDAY, OCTOBER 21, AFTERNOON

SESSION 3A: THE ROBOTIC EXPLORATION PROGRAM / I

(Olympus Room)

2:30-3:00 pm Mars Express science results after three years in orbit - A. Chicarro (ESA)

3:00-3:30 pm The ongoing US exploration of Mars - J. Stone (TMS-UK)

3:30-4:00 pm The ExoMars mission: Europe on Mars - P. Messina (ESA)

SESSION 3B: SELLING EXPLORATION / SAFETY & HEALTH

(Elysium Room)

2:30-3:00 pm Science is not enough to sell Martian exploration to our multicultural society! - N.Turcat (NSS France)

3:00-3:30 pm How to think autonomy and safety for the Mars Manned Exploration Mission? - S.Grès, J.F. Guyonnet (UTC-TSH COSTECH)

3:30-4:00 pm Good vibrations: combating bone loss on a mission to Mars - A. Hawkey (University of Wolverhampton)

4:00-4:30pm Break

SESSION 4A: THE ROBOTIC EXPLORATION PROGRAM / II

(Olympus Room)

4:30-5:00 pm Future robotic missions - F. Rocard (CNES)

5:00-5:30 pm The Archimedes project - H. Griebel (TMS-Germany)

5:30-6:00 pm Flying Mars - F. Marodon (Association Planète Mars)

SESSION 4B: FAR FUTURE CONSIDERATIONS

(Elysium Room)

4:30-5:00 pm Revival possibilities of dead planet Mars - M.K. Shrivastava

5:00-5:30 pm Technological heritage on Mars: towards a future of terrestrial artifacts on the martian surface - D. HR Spennemann, G. Murphy

5:30-6:00 pm Swaraj on Mars - T. Lewis

6:00-20:30 pm Break

SATURDAY NIGHT, OCTOBER 21

20:30-23:00

SPECIAL EVENT OPEN TO THE PUBLIC, in French GRANDE SOIRÉE OUVERTE AU PUBLIC, en français

accès gratuit (dans la limite des places disponibles),

animée par G. Dawidowicz (Association Planète Mars, SAF) :

Mars, du mythe à la réalité - F. Rocard (CNES), O. de Goursac (Association Planète Mars, SAF)

(Salle Olympus)

Pot martien

(Salle Apollinaris)

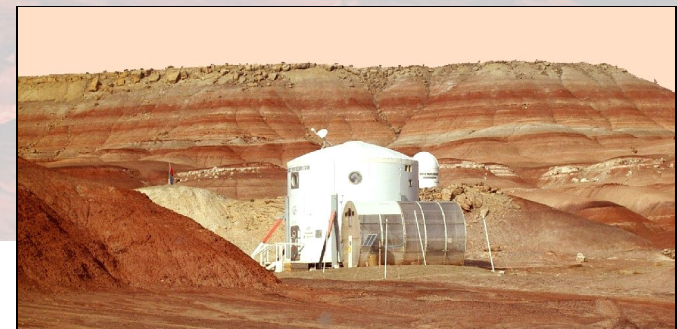
Mars sur Terre : A. Souchier et l'équipage de la mission MDRS 43 (Association Planète Mars) :

-les stations de simulation de la Mars Society

-la mission de simulation MDRS 43 : récit et rencontre

avec l'équipage

(Salle Olympus)



(APM)