

MARS UNIVERSITY TOUR

A SERIES OF SEMINARS IN ITALIAN UNIVERSITIES
TO DISCUSS THE HUMAN EXPLORATION OF MARS

Mars Society President Robert Zubrin special Guest



May 6, 9:30-13:00

Aula Magna

“Giovanni Agnelli”

Politecnico di Torino

- Welcome (Mars Planet / AIDAA)
- Keynote Speech – Zubrin
- Exomars (Thales Alenia Space)
- Mars Analogues (Mars Planet)
- Round Table

ITALY

6-10 MAY 2019



THE MARS SOCIETY

ORBITER



Mars Direct: A Practical Approach for Near-Term Human Mars Missions

Robert Zubrin

Mars Direct plans offers a viable option for robust piloted Mars missions employing near-term technology capable of creating a sustained human presence on the Red Planet. Such a mission could be launched within the early 21st Century.



Robert Zubrin is an American aerospace engineer and author, known for his advocacy of human exploration of Mars. Disappointed with the lack of interest from government in Mars exploration and after the success of his book *The Case for Mars*, as well as leadership experience at the National Space Society, Zubrin established the Mars Society in 1998. This is an international organization advocating a manned Mars mission as a goal, by private funding if possible.

ExoMars and Beyond

Maria Antonietta Perino

La missione Exomars, finalizzata alla ricerca di tracce di vita su Marte, ed i programmi di esplorazione successivi porteranno l'umanità sul pianeta rosso nei prossimi decenni.

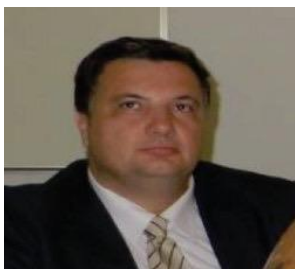


Maria Antonietta Perino dal 1986 lavora in Thales Alenia Space a Torino come Program Manager dei principali programmi nazionali ed europei legati all'esplorazione come ExoMars, Mars Sample Return, e l'Aurora Core Program. Attualmente è Direttore per le Relazioni con le Associazioni Spaziali. Maria Antonietta è coinvolta in diverse iniziative che promuovono lo sviluppo di giovani professionisti nell'industria spaziale. Maria Antonietta è membro di diversi comitati scientifici in campo spaziale, dell'EuroScience Open Forum (ESOF), e di Women in Aerospace. È membro dell'Académie de l'Air et de l'Espace e dell'International Academy of Astronautics, ed è stata Vice-President nel Bureau dell'International Astronautical Federation.

Mars Analogues

Antonio Del Mastro

Mars Analogues play an important role the research related to the human exploration of Mars. Analogues are not only a test bed for the simulation of space exploration activities, but also an opportunity to let young generations to develop skills, experience and technologies in the space sector. MARS CITY project carried out by Mars Planet has as scope the construction of a research center and technological hub devoted to the Mars and Space Exploration which will be used also as a Mars Analogue. Mars City target is in this manner to contribute to the development of the Space Industry in Italy and Europe.



Antonio Del Mastro is the president of the Italian Mars Society which he founded in 2004, as Italian branch of the International Mars Society and he is from 2007 project coordinator of the MARS CITY project (www.mars-city.org). With some members of Italian Mars Society, he is founder of Virtual Space Systems, a spin-off company focused on the development of software and hardware (VR treadmills) for VR/AR applications in the Space, Medical and Educational sector.