



TWENTY-FIRST INTERNATIONAL MARS SOCIETY CONVENTION

Mars and the Space Revolution

August 23-26, 2018 at the Pasadena Convention Center, Pasadena, CA

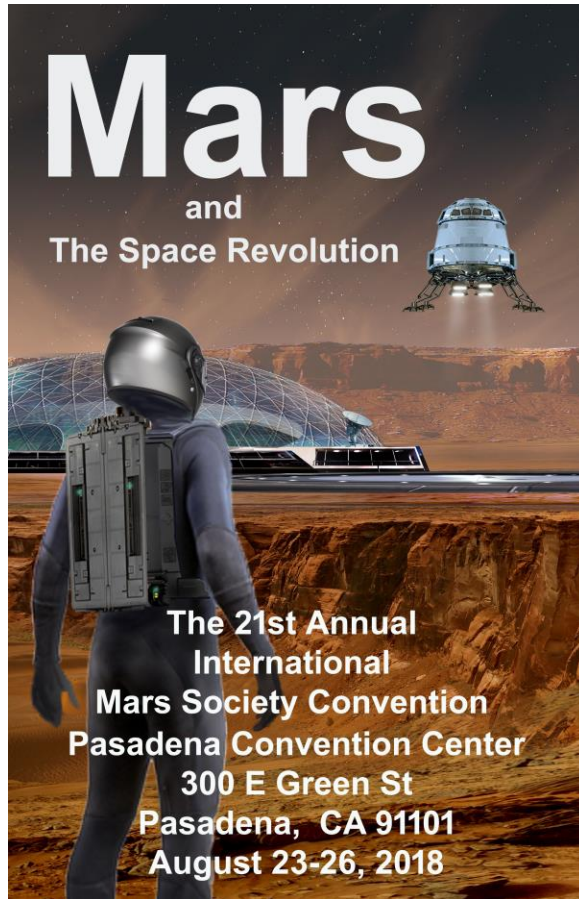
The Mars Society was founded to further the exploration and settlement of the Red Planet. The International Mars Society convention presents a unique opportunity for those interested in Mars to come together and discuss the technology, science, social implications, philosophy and a multitude of other aspects of Mars exploration. The theme this year will be the impact of the ongoing space launch revolution for the exploration and settlement of Mars. Other highlights of the convention will include the latest results from the *Opportunity*, *Mars Express*, *Mars Reconnaissance Orbiter*, *MAVEN*, *Mars Trace Gas Orbiter* and *Curiosity* missions exploring the Red Planet, as well as reports on the latest mission simulations at the Mars Desert Research Station and plans for future missions at the Flashline Mars Arctic Research Station in the Canadian high Arctic. We will also have reports on the plans for the upcoming *Insight*, *ExoMars*, and the *Mars 2020* missions. A special event will be the final faceoff of the *Red Eagle* Design Contest, in which five university engineering teams drawn from many nations will present their designs to for a ten-ton payload capacity Mars lander before a panel of eminent judges and the international space community. The agenda will also include a wide assortment of panels and debates concerning key issues bearing on Mars exploration and settlement, a banquet with lots of fun entertainment, and plenary addresses from many prominent leaders of the effort to get humans to Mars. Prior conventions have drawn thousands of participants from all over the world and received extensive press coverage in leading international media. This year's conference should be the most exciting event to date.

Conference Sessions

1. The Impact of the Space Revolution for Mars
2. The Question of Life on Mars
3. Latest Findings from the Mars Probes
4. Plans for the Missions of 2016 and Beyond
5. Concepts for Future Robotic Mars Missions
6. Plans for Human Mars Missions
7. Advanced Propulsion
8. Launch Vehicles for Mars Exploration
9. Long Range Mobility on Mars
10. Life Support and Biomedical Factors
11. Human Factors and Crew Composition
12. In-situ Resource Utilization
13. Habitat construction & industrial infrastructure
14. Martian agriculture.
15. The First Martians, a permanent base on Mars
16. Terraforming – Creating an Ecology for Mars
17. How Martian technology can help life on Earth
18. Technologies for reaching for the stars
19. Analog Studies Relating to Mars Exploration
20. The Flashline Mars Arctic Research Station
21. The Mars Desert Research Station
22. The One Way Mission to Mars
23. Rovers, robots, aircraft, and mobile agents.
24. Entrepreneurial approaches to Mars Missions
25. The benefits of Space Exploration.
26. The Moon: Way Station to Mars?
27. Planetary Protection: Necessity or Fraud?
28. International cooperation and agencies
29. Law, Governance, and social systems for Mars
30. Why Mars?
31. Mission Ethics: Is safety an option?
32. Educating the next generation of Marsnauts
33. The Deep Space Gateway: Breakthrough or Boondoggle?
34. Political Action for Mars Exploration
35. Chapter tools and outreach strategies
36. Proposed Projects for the Mars Society
37. University Rover Challenge
38. Religion, Philosophy, and Space Exploration
39. The Two-Person Mars Flyby Mission.
40. Phobos and Deimos: Mars Moon Landings
41. Achieving cheap access to space.

Call for Papers

Presentations for the convention are invited dealing with all matters (science, engineering, politics, economics, public policy, etc.) associated with the exploration and settlement of Mars. Abstracts of no more than 300 words should be sent by June 30, 2018 to: The Mars Society, 11111 W. 8th Ave. unit A, Lakewood, CO 80215 or via email to: abstracts@marssociety.org . (e-mail submission preferred.)



Conference Registration Form

(Please print neatly)

Name: _____ Address: _____

City: _____ St: _____ Zip: _____ Country: _____

Email address: _____

Type of registration (circle amount):

Mars Society Members:	Regular before 6/30/18	\$180	after 6/30/18:	\$240
	Student/senior before 6/30/18:	\$75	after 6/30/18:	\$105
Non-members/expired:	Regular before 6/30/18	\$240	after 6/30/18:	\$300
	Student/senior before 6/30/18	\$105	after 6/30/18	\$140

Banquet ticket (student/senior) - \$50, (child 10 and under)- \$25 Regular registration includes banquet.
If you are not a member, you can save money by joining now. \$50 for regular membership, \$25 student/senior

Total charges: Conference registration &/or membership: _____

Payment method: Check/MO _____ Credit Card _____

Credit Card Type: _____ CC#: _____ Expiration Date: _____ CVV code _____

Name on Card _____ Signature _____

Mail your registration to The Mars Society, 11111 W. 8th Ave. unit A, Lakewood, CO 80215
Or fax to 303-980-0753. For further information and on-line registration instructions, visit www.marssociety.org.