

12th International Mars Society Convention
July 30 - August 2, 2009
University of Maryland, College Park

Wednesday - July 29, 2009

Stamp Union – Charles Carroll Room, 2203

2:00 pm – 4:30 pm – Early Registration

1:00 pm – 4:00 pm – NASA Goddard Tour (meet in front of Stamp Union)

6:00 pm – 10:00 pm – Steering Committee Meeting (being held at the Comfort Inns and Suites)

Thursday - July 30, 2009

Stamp Union – Charles Carroll Room, 2203

7:30 am - Convention opens, registration, check-in
Vendor and Display set-up

Plenary Sessions – Colony Ballroom

8:30 – 8:45 am **Opening/Welcome**

8:45 – 9:30 am **TBA**

9:30 – 10:15 am **Dr. Robert Zubrin**, President, Mars Society

10:15 – 11:00 am **Dan Dumbacher**, Deputy Associate Administrator of the NASA
Exploration Systems Mission Directorate

11:00 – 11:45 am **Pre-Blitz gathering**, team meetings and final instructions

11:45 – 1:30 pm **Transportation to Capitol Hill and lunch**

1:30 – 4:30 pm **Mars Blitz**

Special Activities

Colony Ballroom

6:30 – 8:00 pm **Reception** (light food/bar)

8:00 – 10:00 pm **Screening of *Roving Mars*** – with commentary by **George Butler**
(Director) and **Steven Squyres** (Principal Investigator for the
science payload on the Mars Exploration Rovers Project) **OPEN
TO THE PUBLIC**

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Friday - July 31, 2009

Stamp Union – Charles Carroll Room, 2203

8:00 am – Registration, check-in
Vendors and Displays

Plenary Sessions– Colony Ballroom

9:00 – 9:45am	Jim Garvin , Chief Scientist, NASA Goddard Flight Space Center
9:45 – 10:30 am	Dr. Mario Livio , Space Telescope Science Institute
10:30 – 11:15 am	Dr. John Mather , NASA Senior Astrophysicist, Senior Project Scientist, James Webb Space Telescope, Nobel Prize winner
11:15 – 12:00 pm	Dr. Louis Friedman , Co-founder and Executive Director, Planetary Society
12:00 – 1:00 pm	Lunch Break
1:00 – 2:45 pm	Exploration: An Historical Perspective: Roger Launius (Curator, National Air and Space Museum, Smithsonian Institution), Andrew Chaikin (author, speaker and space journalist), Theodore Swanson (Assistant Chief for Technology, NASA Goddard Space Flight Center), Robert Zubrin (President, The Mars Society)
2:45 - 3:00 pm	Break
3:00 - 4:30 pm	Track Sessions

Special Activities

4:45 – 6:30 pm **UMD Space Systems Lab Tour** (meet in front of Stamp Union)

Colony Ballroom

6:00 – 8:00 pm	Town Hall and Election of new Steering Committee members
8:00 – 10:00 pm	Reporting Space: Miles O'Brien , Moderator (former CNN news anchor and space/aviation reporter), William A. Klanke (Publisher, <i>Space News</i>), Bob Asman (Producer, NBC News, retired), Jeff Foust (<i>Space Today</i> , <i>The Space Review</i>) and A.R. Hogan (University of Maryland)
10:00 – 11:30 pm	Special Movie Screening

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Friday, August 31, 2009

	<u>Track 1</u> Projects <i>Colony Ballroom</i>	<u>Track 2</u> Philosophy <i>Room 2108 – Pyon Su</i>	<u>Track 3</u> Mission Design <i>Room 2208 - Jimenez</i>	<u>Track 4</u> <i>Room - Thurgood Marshall</i>
Time				
3:00 – 3:30	<i>J. Herholz</i> – Campaign of the ARCHIMEDES Project – a unique Mars Society Event	<i>J. Fitzsimmons</i> – Mars, transhumanism and the meaning of life	<i>B. Enke</i> – The SoM Paradigm for Mars Exploration and Settlement	<i>Advocacy Roundtable</i> - Sponsored by NSS and the Space Exploration Alliance (SEA). Moderated by Gary Barnhard, Chairman, Executive Committee, NSS
3:30 – 4:00	<i>continued</i>	<i>K. Freelain</i> – The Role of Natural Laws in the Exploration and Settlement of Mars	<i>N. Sarzi Amade</i> – Mars Rapid Round Trips Mission Design	<i>Continued</i>
4:00 – 4:30	<i>B. Mackenzie</i> – Mars Settlement Prototype & Education Center	<i>M. Hilton</i> – The Real Reason for Exploring Mars	<i>G. Hinton</i> – The Colonization of Mars via a Martian Space Elevator	<i>D. Haslam</i> – Artificial Gravity: From fiction to fact!

12th International Mars Society Convention
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Saturday, August 1, 2009

Stamp Union – Charles Carroll Room, 2203

8:00 am – Registration, check-in
Vendors and Displays

Plenary Sessions – Colony Ballroom

9:00 – 9:45 am **Dr. Paul Mahaffy**, SFC, Principal Investigator, SAM [Sample Analysis at Mars] on the Mars Science Laboratory)

9:45 – 10:30am **Dr. Brent Bos**, (NASA Goddard Spaceflight Center)

10:30 – 11:15 am **Dr. Chris McKay**, (NASA Planetary Scientist, Space Science Division, NASA Ames Research Center) *“Mars Sample Return, Lunar base and NEO missions as steps to human exploration of Mars”*

11:15 – 12:00 pm **Joe Cassady**, (Director, Emerging Exploration Space Systems, Aerojet), *“One Way Mission to Mars”*

12:00 – 1:00 pm **Lunch Break**

1:00 – 2:45 pm **The Art of Space:** *Michael Carroll* (space artist and science journalist), *Bert Ulrich* (Curator, NASA Art Program), *Jim Dean* (Founder, NASA Art Program) *Steven Hobbs* (Space artist and photographer) and *Keith Keplinger* (Graphic designer)

2:45 - 3:00 pm **Break**

3:00 - 4:30 pm **Track Sessions**

Special Activities

Colony Ballroom

6:00 p.m. – 7:00 p.m. – Appetizers/Bar

7:00 p.m. – 11:00 p.m. – 12th Annual Mars Society Banquet, **Miles O’Brien**, Master of Ceremonies, **Carolyn Porco**, Featured Speaker

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Saturday, August 1, 2009

	<u>Track 1</u> Education and Outreach <i>Room - Margaret Brent</i>	<u>Track 2</u> Medical and Human Factors <i>Room 2108 – Pyon Su</i>	<u>Track 3</u> <i>Room 2208 - Jimenez</i>	<u>Track 4</u> <i>Room - Thurgood Marshall</i>
Time				
3:00 – 3:30	A. Andreas – One Room, Three Weeks, Thirteen Gifted Teens: Mars or Bust	W. Rowe – Habitat Ultrafine Dust and Extraordinary Hypertension	M. Martin Smith – Mars and an Open Future	E. Petrakakis – Space or Suicide ... Yes We Can! (A pro space speech for the New US President)
3:30 – 4:00	B. Enke – Enhancing Local Mars Society Meetings via Traveling Speaker Circuits	R. Clymer – Human Biology and Martian Government	J. Hurtak – A Code of Conduct for Outer Space and Mars	N. Chapin – Data Security on Mars
4:00 – 4:30	D. Haslam – 21 st Century Communication: Social Media for Settling Mars!	D. Gage – Prepare Now for the Long Stay on Mars	OPEN	T. Muscatello – Lunar Water Resource Demonstration (LWRD) Test Results

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Sunday, August 2, 2009

Stamp Union – Charles Carroll Room, 2203

9:00 am – Registration, check-in

Vendors and Displays

1:00 pm Registration closes, Vendors and Displays begin breakdown

Plenary Sessions – Colony Ballroom

9:30 – 10:30 am **TBA**

10:30 – 11:15 am **Tethers and TEMPO**, Tom Hill

11:15 – 12:00 pm **Authors Panel**, Tom Hill, Brian Enke, David Haslam and Robert Zubrin

12:00 – 1:00 pm **Lunch Break**

1:00 - 3:00 pm **Track Sessions**

3:00 – 4:00 pm Closing Meeting, Dr. Robert Zubrin

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Sunday, August 2, 2009

	<u>Track 1</u>	<u>Track 2</u> URC and MDRS	<u>Track 3</u>	<u>Track 4</u>
Time	<i>Colony Ballroom</i>	<i>Room 2108 – Pyon Su</i>	<i>Room 2208 - Jimenez</i>	<i>Room - Thurgood Marshall</i>
1:00 – 1:30	<i>J. Palaia</i> – New Space Center	<i>University Rover Challenge (URC)</i> – Presentation of this year's event and discussion with the members from York University	<i>R. Terry</i> – The Synergy of Green Technology and Exploration Technology	<i>OPEN</i>
1:30 – 2:00	<i>G. Drake</i> – Mars Society Steering Committee Priorities	<i>continued</i>	<i>A. Brown</i> – Observations of the Martian Polar Caps	<i>B. Mackenzie</i> – Future of the Chapters Web Server
2:00 – 2:30	<i>W. Napoli</i> – Classification of World Systems	<i>A. Westenberg</i> – Managing the Mars Analogue Research Station at Hanksville, Utah	OPEN	<i>R. Colon</i> – Radiation Hardness of Space Probe Systems
2:30 – 3:00		<i>P. Czarnik</i> – Why Chapters are Important to the Growth of the Mars Society		