

## AMEC 2008 – Preliminary Program

(May be subject to further revision without notice, check [www.marssociety.org.au](http://www.marssociety.org.au) for latest information)

| <b>VENUES</b>  |  |   |
|--|--|---|
| <i>All speaking events to be held at -</i>   | <i>Icebreaker Drinks -</i>   | <i>Conference Banquet Venue -</i>   |
| Centenary Building,<br>Level 3 - Room 16 (C3-16),<br>University of S.A., City East Campus,<br>Cnr North Terrace and Frome Rd,<br>Adelaide. | Federal Bar & Café,<br>Mercure Grosvenor Hotel ,<br>(ground floor),<br>125 North Terrace,<br>Adelaide. | Bebe's Room,<br>Dining on the Terrace,<br>Marcellina Restaurant,<br>273 Hindley Street,<br>(corner Gray Street),<br>Adelaide. |

| <b>FRIDAY 4<sup>th</sup> JULY</b> |             |   |                     |
|-----------------------------------|-------------|---|---------------------|
| <b>Session</b>                    | <b>Time</b> | <b>Event</b>  | <b>Speaker</b>      |
|                                   | 4.30pm      | <b>MSA AGM</b>  | -                   |
| <i>Public Lecture</i>             | 7.30pm      | 'Australian Hypersonic Research and the Road to Mars' | Prof. Russell Boyce |
|                                   | From 9.30pm | <b>Ice-Breaker Drinks</b>                             | -                   |

| <b>SATURDAY 5<sup>th</sup> JULY</b> |                   |   |                                |
|-------------------------------------|-------------------|---|--------------------------------|
| <b>Session</b>                      | <b>Time</b>       | <b>Topic</b>  | <b>Speaker</b>                 |
| Registration                        | 8.00              |   |                                |
|                                     | 9.00              | Opening Remarks   | David Cooper,<br>MSA President |
| <b>Session 1</b>                    | <b>9.30-12.30</b> | <b>Planetary Science and Astrobiology</b>   |                                |
|                                     | 9.30              | Exogeography - A Paradigm for the Further Understanding of Climate Change on Mars and Earth                   | Dr Mark Bishop                 |
|                                     | 10.00             | Phoenix   | Dr Jon Clarke                  |
| <i>Morning Tea</i>                  | <i>10.30</i>      |   |                                |
|                                     | 11.00             | A Geological Study of Two of the Potential Landing Site for Mars Science Laboratory                           | Jenna Sharp                    |
|                                     | 11.30             | Modeling the Martian Subsurface In Search of Water  | Eriita Jones                   |
|                                     | 12.00             | Revival Possibilities of Dead Planet Mars   | Mani Kant Shrivastava          |
| <i>Lunch</i>                        | <i>12.30</i>      |   |                                |
| <b>Session 2</b>                    | <b>12.30-5.00</b> | <b>Education and Outreach</b>   |                                |
|                                     | 1.30              | Trust me, I'm a Science Communicator!   | Prof. Rob Morrison             |
|                                     | 2.00              | Spaceward Bound - Training the Next Generation of Explorers   | Dr Lizabeth K Coe              |
|                                     | 2.30              | Creating the Next Generation of Space Explorers Now   | Mr Mark Gargano                |
| <i>Afternoon Tea</i>                | <i>3.00</i>       |   |                                |
|                                     | 3.30              | Exploring Knowledge beyond the Rutted Path  | Michael L. Darby               |
|                                     | 4.00              | MARS-Oz as an Inspirational Setting for Science Education and a Focal Point for Australian Planetary Science: | David Willson                  |
|                                     | 4.30              | Inspiring Students with Space (Discussion amongst Educators)  | Panel Discussion               |
| <i>Conference Banquet</i>           | 7.00              | (Booking required)  |                                |

| SUNDAY 6 <sup>th</sup> JULY |                   |   |   |
|-----------------------------|-------------------|---|---|
| Session                     | Time              | Topic   | Speaker                                   |
| <i>Registration</i>         | 8.00              |   |   |
| <b>Session 3</b>            | <b>9.00-10.30</b> | <b>The Mars Society</b>   |   |
|                             | 9.00              | Growing Up - Bonding the Mars Societies Worldwide Together in a Renewed Internationally Shaped Mars Society | Artemis Westenberg                        |
|                             | 9.30              | Mars Society Australia, 2017AD  | David Cooper                              |
|                             | 10.00             | The Future of MSA   | Panel Discussion                          |
| <i>Morning Tea</i>          | <i>10.30</i>      |   |   |
| <b>Session 4</b>            | <b>11.00-200</b>  | <b>Analogue Research</b>  |   |
|                             | 11.00-            | This Hab is not Self-Cleaning - All that is Needed to Run Mars-simulations and How to Make Them Count       | Artemis Westenberg                        |
|                             | 11.30             | Rover Capabilities for Crewed Missions - What is Necessary, What is Desirable and What is Unachievable      | Dr Jonathan Clarke                        |
|                             | 12.00             | Quantitative Evaluation of Human-Robot Options for Maintenance Tasks during Analogue Surface Operations     | Dr Graham Mann                            |
| <i>Lunch</i>                | <i>12.30</i>      |   |   |
|                             | 1.30              | Project M.A.S.T. - Mars Analogue Simulation Trainer   | Hugh S. Gregory                           |
| <b>Session 5</b>            | <b>2.00-4.00</b>  | <b>Historical Significance</b>  |   |
|                             | 2.00              | Messages for the Future - The Concept for a First Human Landing Marker on Mars                              | Trevor Rodwell                            |
|                             | 2.30              | Colouring Mars - Revisiting Historical Spacecraft Imagery   | Steven Hobbs                              |
| <i>Afternoon Tea</i>        | <i>3.00</i>       |   |   |
|                             | 3.30              | Heritage on Mars  | Guy Murphy                                |
|                             | 4.00              | Panel Discussion  |   |
|                             | 4.30              | Concluding Remarks.<br>Announcement of Winner of Door Prize   | Dr Jonathan Clarke,<br>MSA Vice-President |



## City East campus

Conference Venue, North Terrace Entry

