



Space Resources Roundtable and
Planetary & Terrestrial Mining Sciences Symposium

***Fifth Joint Meeting of the
Space Resources Roundtable
and the
Planetary & Terrestrial Mining Sciences Symposium***

Colorado School of Mines
June 9-12, 2014

Sponsored by:



**Second Announcement
March 2014**

STEERING COMMITTEE

Angel Abbud-Madrid, Colorado School of Mines
Dale Boucher, Deltion Innovations, Ltd.
Leslie Gertsch, Missouri University of Science and Technology
Stephen Mackwell, Lunar and Planetary Institute
G. Jeffrey Taylor, University of Hawai'i

CONTACT INFORMATION

Scientific Program:
Angel Abbud-Madrid & Dale Boucher
Steering Committee Chairs
aabbudma@mines.edu dboucher@deltion.ca

Logistics: <http://csm-space.com/events/srr/>
CSM Office of Special Programs &
Continuing Education (SPACE)
space@mines.edu

A banner image showing a view of space with a bright sun or star in the center, a crescent moon on the left, and a large, reddish planet (Mars) on the right. The text "Space Resources Roundtable and Planetary & Terrestrial Mining Sciences Symposium" is overlaid in white on the left side.

Space Resources Roundtable and Planetary & Terrestrial Mining Sciences Symposium

SCHEDULE

April 25	Abstract submission deadline
May 5	Pre-registration deadline
May 23	Final announcement
June 9-12	SRR XV - PTMSS meeting at Colorado School of Mines

PURPOSE AND SCOPE

The Space Resources Roundtable, Inc. (SRR) and the Planetary & Terrestrial Mining Sciences Symposium (PTMSS) in collaboration with the Colorado School of Mines and the Lunar and Planetary Institute, will convene their fifth joint meeting on June 9-12, 2014 at Colorado School of Mines, in Golden, CO.

The *Space Resources Roundtable* brings together space professionals, natural resources industry personnel, and entrepreneurs interested in developing the resources of space, including the Moon, Mars, asteroids, comets, and other bodies of the Solar System. The goal of the Space Resources Roundtable is to advance prospects for the commercial development of space resources through information exchange among government, commercial, and academic organizations.

The purpose of the *Planetary & Terrestrial Mining Sciences Symposium* is to promote a closer relationship between the space and mining sectors. The intent is to allow mining experts to network with space scientists and engineers, to share knowledge, and to foster collaboration.

Recently announced strategies for space exploration by several countries and increasing private efforts in this area create unique opportunities for both near and long-term plans for space resources utilization. This meeting will provide a forum for discussion on how to take advantage of this new environment.

The SRR and the PTMSS solicit presentations about:

- Orbital or landed measurements of the Moon, Mars, and/or asteroids and comets to identify and characterize potential resources
- Resource utilization experiments
- Resource processing technologies
- Experiment results that could lead to manufacturing with space resources
- Commercial details of space resources on Earth and in Space
- Space power systems
- Materials transportation systems – in space and on the surface
- Space transportation systems utilizing space resources
- Market demand and utilization scenarios for space resources and their products
- The relationship between government-funded exploration and private ventures in identifying and using space resources, and how to develop public-private partnerships
- Property rights in space
- Or any other serious study of space resources-related topics.

The banner features a dark space background with a bright sun or star in the center, casting a glow. On the left, a portion of a grey, cratered celestial body (likely the Moon) is visible. On the right, a large, reddish-orange planet (Mars) is shown. The text is overlaid on the left side of the banner.

Space Resources Roundtable and Planetary & Terrestrial Mining Sciences Symposium

The meeting will be organized to accommodate technical presentations, expert panels on specific topics, and roundtable discussions with all conference attendants. As with all past SRR conferences, the white papers generated from these discussions provide decision makers with technically sound recommendations for incorporating space resources into new exploration programs.

WHEN AND WHERE

The fifth joint meeting of the SRR and PTMSS will be held on June 9-12, 2014 in the Green Conference Center on the campus of the Colorado School of Mines, in Golden, Colorado. Please visit the conference website (<http://csmospace.com/events/srr/>) for complete information on transportation, accommodations, etc. It is advised to *reserve rooms as soon as possible*. When reserving, indicate that you are attending a Colorado School of Mines sponsored activity to get the best rate possible.

ABSTRACTS

Submit abstracts electronically using Adobe Acrobat PDF format (preferred) or Microsoft Word to Angel Abbud-Madrid at: aabbudma@mines.edu. Refer to the Microsoft Word template found on the *Abstracts* section of the conference website (<http://csmospace.com/events/srr/>) for precise format details. Abstracts are limited to two pages, including all figures, tables, and references. Abstracts may be on any topic related to space resources and their utilization. See the list above for this year's emphases, and check previous SRR presentations at <http://www.isruinfo.com/>

Abstracts are due by April 25th, to allow time for program organization. The Final Announcement, to be sent on May 23rd, will include the schedule of presentations.

STUDENT SCHOLARSHIPS

This year several scholarships are available to offset travel and registration costs for undergraduate and graduate students participating in the meeting. Scholarship recipients are required to give a presentation. Please follow the submission instructions given in the *Scholarships* section of the conference website (<http://csmospace.com/events/srr/>). All material should be submitted by April 25th to Angel Abbud-Madrid at: aabbudma@mines.edu

REGISTRATION FEE

Registration for the SRR-PTMSS fifth joint meeting is as follows:

- 1) By May 5, 2014: \$400 (USD)
- 2) After May 5 and before June 6, 2014: \$450 (USD)
- 3) On-site registration: \$500 (USD)

In addition to a year's membership to the Space Resources Roundtable, the registration fee includes the opening reception on the evening of June 9, a banquet on the evening of June 11, continental breakfast and lunch on all three days of the meeting, and coffee/soft drinks at morning/afternoon breaks.

Please register using the *Registration* form in the conference website (<http://csmospace.com/events/srr/>).