



**Planetary & Terrestrial Mining Sciences Symposium and
Space Resources Roundtable**

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

**Albert at Bay Suite Hotel, Ottawa, Ontario, Canada
June 19-22, 2011**

Sponsored by:



**First Announcement
March 2011**

STEERING COMMITTEE

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SCHEDULE

April 1	Second announcement
May 2	Preregistration deadline (see: http://www.ptmss.com/Registration.aspx)
May 6	Abstract submission deadline (submit to: http://www.ptmss.com/Abstract_Submissions.aspx)
May 24	Final announcement
June 19-22	PTMSS and SRR XII meeting in Ottawa, Ontario, Canada

PURPOSE AND SCOPE

The Planetary & Terrestrial Mining Sciences Symposium (PTMSS) and the Space Resources Roundtable, Inc. (SRR) in collaboration with the Lunar and Planetary Institute (LPI), will convene their second joint meeting on June 19-22, 2011 at the Albert at Bay Suite Hotel in Ottawa, Ontario, Canada.

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.

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 this 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.

Recent announcements in new strategies for space exploration from space agencies around the world and the advent of private efforts in this area present unique implications to both near and long-term plans for the search and utilization of space resources. This second joint meeting of the PTMSS and the SRR will provide a forum for discussion on the potential opportunities available for space resources research and technology development in this new environment.

The PTMSS and the SRR 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.



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The meeting will be organized to accommodate both the discussion of technical reports and subgroup analyses of specific topics of particular interest. The white papers produced from these analyses provide decision makers with technically sound recommendations for incorporating space resources into new exploration programs. To showcase hardware designed for space-resource applications there will be a half-day session on ISRU technology demonstrations.

WHEN AND WHERE

The second joint meeting of the PTMSS and the SRR will be held in the Albert at Bay Suite Hotel in Ottawa, Ontario, Canada. For location, directions, accommodations, travel, and other conference logistics, please visit the PTMSS website at: <http://www.ptmss.com>.

FURTHER INFORMATION

A formal call for abstracts, and an abstract template, will be included in the second announcement.

The meeting will be constructed from topics chosen from the submitted abstracts or by invitation from the Steering Committee. The Planetary & Terrestrial Mining Sciences Symposium and the Space Resources Roundtable web sites, <http://www.ptmss.com> and <http://www.ISRUinfo.com>, respectively, provide access to the abstracts, programs, and other information from previous meetings.