

**6th International Planetary Probe Workshop
23 – 27 June 2008**

**Extreme Environment Technologies Short Course
21 – 22 June 2008**

**Georgia Institute of Technology, Atlanta, Georgia, USA
Website: TBD**

Join us at the 6th International Planetary Probe Workshop (IPPW-6) at the Georgia Institute of Technology in Atlanta, Georgia, USA on 23 – 27 June 2008. The goal of the workshop is to bring together an international group of scientists, technologists, engineers, mission designers, and policy makers with an interest in the exploration of solar system bodies with substantial atmospheres. The workshop scope covers the technological challenges and scientific opportunities that are both enabled and constrained by entry, descent, landing and flight in planetary atmospheres.

The 6th workshop will build on the success of the previous workshops to promote international cooperation in probe missions to solar system moons and planets bearing atmospheres, and to provide the opportunity for students, the next generation of planetary scientists, spacecraft engineers, technologists, mission planners, and policy makers to participate in these endeavors.

A preliminary list of session topics includes: an historic perspective, science and technology of current entry probes, mini-probes, giant planets, planetary entry probe technologies and earth sample return missions.

The world's space community is focused on expanding our knowledge of planetary atmospheres and their moons, as well as comets and asteroids. In addition to NASA's studies to define the next major missions, and ESA's focus on its Cosmic Vision program, the international community has numerous missions in various states of study and development that will target major destinations in our solar system. IPPW-6 is a timely event that welcomes your participation.

In addition to the 5-day workshop, a two day short course, Extreme Environment Technologies, will be held on the weekend preceding the workshop, 21-22 June 2008 at the same venue.

The long-standing goals of the International Planetary Probe Workshops are:

- **To Review** the state-of-the-art in science, mission design, engineering implementation and technology for the *in situ* robotic exploration of planets and satellites with atmospheres;
- **To Share** ideas, mission opportunities, and emerging technologies to enable future mission success;
- **To Serve** as a forum for discussions on innovative methodologies and techniques for future probe missions;
- **To Involve** young scientists and engineers in the field of entry, descent and flight in planetary atmospheres in an opportunity to learn from experienced researchers and practitioners;
- **To Foster** international collaboration among the communities of scientists, engineers, and mission designers interested in planetary probes.

Sessions

Session topics will be defined as abstracts are received. Preliminary topics are TBD.

Important Dates

1 st Announcement	October 19, 2007
2 nd Announcement	January 4, 2008
Abstract Deadline:	February 1, 2008
Student Scholarship Applications	March 14, 2008
Announcement of Student Scholarships	April 4, 2008
Selection of papers/posters	April 4, 2008
Final Announcement	April 18, 2008
Early Bird Registration Deadline	May 16, 2008
Hotel Block Room Reservation Deadline	May 16, 2008
Short Course	June 21 – 22, 2008
IPPW-6	June 23 – 27, 2008

Additional Information

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