

## 29TH LPSC PRELIMINARY PROGRAM

You must be using version 3.0 of the Acrobat Reader to view all of the abstracts. Using the “grab-hand tool” on your Acrobat Reader’s menu bar, click on a session you’re interested in. The full program listing for that session will appear, at which time you can click on a particular title to view the abstract. Within the individual session listings, an asterisk denotes the speaker. Room A is Gilruth Room 104; Room B is Gilruth Old Gym; Room C is Gilruth New Gym; and Room D is Gilruth Room 206.

### **Monday Morning, 8:30 a.m.**

- Room A            Lunar Highlands Crust
- Room B            Chondrules
- Room C            Initial Results from Mars Global Surveyor
- Room D            Impact: Theory, Experiments, and Effects  
*Session dedicated to the memory of Paul Barringer*

### **Monday Afternoon, 1:30 p.m.**

- Room C            Presentations to the 1997 GSA Stephen E. Dworkin  
Student Paper Award Winners  
                      followed by  
**SPECIAL PLENARY SESSION**  
**Harold Masursky Lecture:** “*Mars: Aquifers, Oceans, and the Prospects  
for Life*” by Michael Carr, U.S. Geological Survey, Menlo Park  
                      and  
Overview Presentation: “*Mars Pathfinder Mission and Science Results*”  
by Matthew P. Golombek, Jet Propulsion Laboratory

### **Monday Afternoon, 2:30 p.m.**

- Room A            Impact: Terrestrial Craters
- Room B            Solar System Isotopes and Solar Nebula Processes
- Room C            **SPECIAL SESSION** — Mars Pathfinder: Rocks, Dirt and Air
- Room D            The Lunar Regolith: Processes and Materials

**Tuesday Morning, 8:30 a.m.**

- Room A            Probing the Moon with Remote Sensing and Samples: A New Integration
- Room B            Carbonaceous Chondrites
- Room C            **SPECIAL SESSION** — Mars Pathfinder: Landing Site Environment  
and Imaging Results
- Room D            Planetary Surface Processes

**Tuesday Afternoon, 1:30 p.m.**

- Room A            Lunar Mare Volcanism
- Room B            Carbonaceous Chondrites and Their CAIs
- Room C            Water and Other Volatiles on Mars
- Room D            Cosmic Dust

**Tuesday Evening, 7:30–10:00 p.m.**

Space Ctr. Houston    Poster Session I

**Wednesday Morning, 8:30 a.m.**

- Room A            Jupiter's Satellites: Galileo Results on the Prime Mission
- Room B            Achondrites
- Room C            Mars Fluvial, Impact, and Tectonic Processes
- Room D            Planetary Interior Processes

**Wednesday Afternoon, 1:30 p.m.**

- Room C            **DISCOVERY SPECIAL PLENARY SESSION**  
Dr. Wesley Huntress, *The Discovery Program*  
Joseph Veverka, *CONTOUR*  
Donald Burnett, *Genesis*  
Alan Binder, *Lunar Prospector*

**Wednesday Afternoon, 2:30 p.m.**

Room A            Origin of the Earth and Moon

Room B            Chondrite Potpourri  
*Session dedicated to the memory of Paul Pellas*

Room C            Asteroid Étouffée

**3:45 p.m.** Outer Planet Satellite Spectra (plus Titan)

Room D            Iron Meteorites

**Wednesday Evening, 6:00–9:30 p.m.**

Conference Social Event, Campbell Hall, Pasadena Fairgrounds

**Thursday, 10:00 a.m.–10:00 p.m.**

Space Ctr. Houston    **SPECIAL SESSION:** Education Exhibits and Posters

**Thursday Morning, 8:30 a.m.**

Room A            Martian Spectral Characteristics and Terrestrial Analogs  
*Session dedicated to the memory of Leonard Martin*

Room B            Presolar Grains

Room C            Europa: Paradise Found?

Room D            Asteroid Gumbo

**Thursday Afternoon, 1:30 p.m.**

Room A            Origins of Planetary Systems  
*Session dedicated to the memory of Jurgen Rahe*

Room B            Martian Meteorites

Room C            The Four Galileans: Io, Europa, Ganymede, and Callisto

Room D            Future Exploration and Instruments

**Thursday Evening, 7:30–10:00 p.m.**

Space Ctr. Houston Poster Session II

**Friday Morning, 8:30 a.m.**

Room A Venus Geology and Resurfacing

Room B ALH 84001: Does It Bug You?

Room C Impact: Chicxulub and Other Large Craters

**Title-Only Abstracts**