

**PROGRAM**  
**37th Lunar and Planetary Science Conference**  
**March 13–17, 2006**

**To access the abstracts, use the hand tool of your Acrobat Reader to click on the name of any session. After the full program listing for that session appears, click on the title of a presentation to view the abstract for that presentation.**

*With the exception of Sunday evening open house registration, reception, and E/PO displays, all locations listed below are at South Shore Harbour.*

*\* Denotes speaker*

**Sunday, 8:30 a.m –2:30 p.m.**

LPI                                      LPI Education/Public Outreach Workshop  
 “Public Understanding of Planetary Science”

**Sunday Evening, 5:00 p.m.**

LPI Hess Room                      Registration  
 LPI Great Room                    Reception  
 LPI Berkner Rooms                Open House Education and Public Outreach Displays

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

Crystal Ballroom A                Stardust: Mission Accomplished  
 Crystal Ballroom B                Mars Express: Probing the Depths  
 Marina Plaza Ballroom            Lunar History from Samples  
 Amphitheater                       Asteroids: Observations and Experiments

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

Crystal Ballroom A                **PLENARY SESSION:** Dwornik Award Presentations followed by Masursky Lecture by  
 Dr. Jonathan I. Lunine

**Monday Afternoon, 2:15 p.m.**

Crystal Ballroom A                Mars: Volcanism and Tectonics  
 Crystal Ballroom B                Mars: Core to Clouds  
 Marina Plaza Ballroom            Venus  
 Amphitheater                       Impacts and Small Bodies Potpourri

**Monday Evening 5:00 p.m.**

Crystal Ballroom A                NASA Headquarters Briefing

**Monday Evening 6:00–8:00 p.m.**

Marina Plaza Ballroom            Student/Scientist Reception

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

Crystal Ballroom A	Odyssey: A New View of the Mars Surface
Crystal Ballroom B	Interplanetary Dust Particles
Marina Plaza Ballroom	Chondrites: Metal-rich, Shock Effects, Metamorphism, and Classification
Amphitheater	Impact Cratering: Observations

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

Crystal Ballroom A	Mars: Analog Studies and Aeolian Deposition/Erosion
Crystal Ballroom B	Genesis Mission
	<b>3:30 p.m.</b> Astrobiology: Mars, Earth Analogs, and the Search for Life
Marina Plaza Ballroom	Terrestrial Planet Formation and Differentiation
Amphitheater	Impact Cratering: Modeling and Experiments

**Tuesday Evening, 5:30 p.m.**

Marina Plaza Ballroom	SPECIAL SESSION: Phoenix Landing Site
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**Tuesday Evening, 7:00 p.m.**

Fitness Center	Poster Session I
	<i>Everything Venus</i>
	<i>Mercury</i>
	<i>Lunar Sample Studies</i>
	<i>Lunar Basaltic Volcanism</i>
	<i>Lunar Geophysics</i>
	<i>Lunar Impact Studies</i>
	<i>Terrestrial Impact Craters</i>
	<i>Impacts: Modeling and Structures</i>
	<i>Meteorites: Experiments and New Techniques</i>
	<i>Differentiated Meteorites</i>
	<i>Asteroids, Comets, Meteorites</i>
	<i>Stardust: Mission Accomplished</i>
	<i>Interplanetary Dust Particles</i>
	<i>Planet Formation and Differentiation</i>
	<i>Genesis Mission</i>
	<i>Astrobiology: Missions</i>
	<i>Mars Express: Probing the Depths</i>
	<i>Odyssey: A New View of the Surface</i>
	<i>Aeolian Processes on Mars: War of the Whirls</i>
	<i>Layered Deposits on Mars</i>
	<i>Mapping Mars</i>
	<i>Mars Volcanism</i>
	<i>Mars Tectonics</i>

**Tuesday Evening, 7:00 p.m. (continued)***Phoenix Landing Site**Mars Missions MRO**Mars Analog Studies**Mars Miscellaneous**Saturnian System**Terrestrial Field Analogs**Terrestrial Laboratory Analog Studies**Rovers and Rover Instruments**Flight Instruments and Concepts**Instrument Facilities**Mission and Spacecraft Concepts**Education and Public Outreach: Training Teachers, Engaging Students,  
Involving the Public***Wednesday Morning, 8:30 a.m.**

Crystal Ballroom A Mars: Volatiles and Interior

**10:30 a.m.** MER: Spirit and Opportunity I

Crystal Ballroom B Titan

Marina Plaza Ballroom All Kinds of Achondrites

Amphitheater SPECIAL SESSION: Bosumtwi Meteorite Impact Crater Drilling Project

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

Crystal Ballroom A MER: Spirit and Opportunity II

Crystal Ballroom B Saturn's Companions: Satellites and Rings

Marina Plaza Ballroom SPECIAL SESSION: Results from the Deep Impact Mission

Amphitheater Iron Meteorites and Pallasites

**Wednesday Evening, 5:30 p.m.**

Marina Plaza Ballroom Special Meeting on Return to the Moon

**Wednesday Evening, 6:00–9:30 p.m.**

Poolside Cocktail Hour followed by Buffet Dinner

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

Crystal Ballroom A Mars: Sediments and Geochemistry

Crystal Ballroom B Lunar Basalts and Basins

Marina Plaza Ballroom Chondrites: Parent Body Alteration and Organics

Amphitheater The Galilean Satellites

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

Crystal Ballroom A	Mars: Impact Cratering
Crystal Ballroom B	Martian Mineralogy
Marina Plaza Ballroom	Toward Understanding Refractory Inclusions
Amphitheater	Astrobiology

**Thursday Evening, 5:30 p.m.**

Marina Plaza Ballroom	SPECIAL SESSION: Planetary Cartography
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**Thursday Evening, 7:00 p.m.**

Fitness Center	Poster Session II
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*Lunar Remote Sensing*  
*Water on the Moon*  
*Lunar Regolith*  
*Lunar Exploration and Resource Utilization*  
*Moon Missions: Past, Present, Future*  
*MER — Spirit*  
*MER — Opportunity*  
*Mars Flowing and Standing Water*  
*Mars Surface Ice*  
*Mars Periglacial and Glacial Processes*  
*Mars Geochemistry*  
*Martian Mineralogy*  
*Mars Spectroscopy and Remote Sensing*  
*Mars Interior*  
*Mars Impact Cratering*  
*Bosumtwi Meteorite Impact Crater Drilling Project*  
*Astrobiology*  
*Planetary Cartography*  
*Martian Meteorites: Alteration, Atmospheres, and Applications*  
*Martian Meteorites: On the Rocks*  
*High on Carbs*  
*Ordinary and Enstatite Chondrites*  
*Results of the Hayabusa Mission*  
*Results from the Deep Impact Mission*  
*Early Solar System Evolution: An Isotopic Perspective*  
*Presolar Grains*  
*Galilean Satellites and Trans-Kronian Objects*

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

Crystal Ballroom A	Mars: Fluvial Geomorphology: Rivers, Outflows, and Gullies
Crystal Ballroom B	SPECIAL SESSION: Results of the Hayabusa Mission
Marina Plaza Ballroom	On Chondrules
	<b>10:15 a.m.</b> Martian Meteorites: Shergottites
Amphitheater	Solar Nebula and Planetary Reservoirs

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

Crystal Ballroom A	Martian Near-Surface Ice: Properties and Processes
Crystal Ballroom B	Lunar Remote Sensing
Marina Plaza Ballroom	Martian Meteorites: Chassignites and Nakhrites
Amphitheater	Presolar Grains

**Print-Only Presentations***Moon**Venus**Impacts**Meteorites**MER: Spirit and Opportunity**Mars Express: Probing the Depths**Mars**Planetary Cartography**Astrobiology**Asteroids, Comets, Small Bodies**Presolar Grains**Interplanetary Dust Particles**Early Solar System Evolution and Planetary Formation**Outer Planets, Satellites, and Rings**Education and Public Outreach**Other*