LIST OF EXHIBITORS

ADS/Smithsonian Astrophysical Observatory

60 Garden Street
Cambridge MA 02138

Contact: Donna Thompson
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The NASA Astrophysics Data System (ADS) is a Digital Library portal containing the journal literature of astronomy and physics (including geophysics.) Our new interface has some exciting new features that streamline your searching of our extensive database. Come and see some new searching techniques. Learn how to use ADS to populate your ORCiD profile. Even if you've used ADS in the past, stop by and see our new search engine, network visualizations and metrics summary.

Arecibo Observatory

www.naic.edu
HC3 Box 53995
Arecibo PR 00612

Contact: Linda Rodriguez-Ford
lford@naic.edu

Located in Puerto Rico, the Arecibo Observatory is home to the largest and most sensitive single dish radio telescope in the world. It is an NSF facility managed under a cooperative agreement by SRI International, Universities Space Research Association, and Universidad Metropolitana. The Arecibo Planetary Radar program is supported by NASA's Near Earth Object Observation program. AO?s planetary radar system is the world's most powerful instrument for post-discovery characterization and orbital refinement of near-Earth objects.

Astrogeology Science Center, U.S. Geological Survey

2255 North Gemini Dr.
Flagstaff AZ 86001

Contact: Trent Hare
thare@usgs.gov

The United States Geological Survey's Astrogeology Science Center (USGS-ASC), located in Flagstaff, Arizona, provides support to the planetary community with unique inhouse and online resources and tools to help researchers accomplish their science objectives. The USGS-ASC conducts innovative research and develops state-of-the-art software and techniques that advances the fields of planetary geosciences, remote sensing, and cartography. The USGS-ASC also establishes mapping and archiving standards and supports the distribution of map and data products.

ASU Education Through eXploration (ETX Center)

etx.asu.edu
ASU Tempe Campus School of Earth and Space Exploration Bateman Physical Sciences, F-Wing
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The ASU Center for Education Through eXploration (ETX Center) advances a new educational philosophy that centers teaching and learning on open, transdisciplinary questions rather than simply mastering what is known. We call this philosophy "Education Through eXploration" (ETX) and are developing and deploying digital learning products and platforms that advance this philosophy engagingly, adaptively, and at scale as part of a new NASA education initiative of the School of Earth and Space Exploration.

Brown University DEEPS

www.brown.edu/academics/earth-environmental-planetary-sciences/
324 Brook Street
Providence RI 02912

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Centre for Planetary Science and Exploration (CPSX)

cpsx.uwo.ca
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The Centre for Planetary Science and Exploration (CPSX) at Western University is the leading organization for planetary science and exploration research and training in Canada. Our goal is to provide Canada and the global space program with the necessary expertise to design and support future planetary mission activities.

e-Mars Team Web Application: MarsSI

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MarsSI (Acronym of MARS System of information) is a web geographic information system application that allows the managing and processing of martian orbital data. From this application, the users are able to easily and rapidly select observations, to process raw data via proposed automatic pipelines and to get back ready to use data for science. Also, MarsSI proposes automatic stereo-restitution pipelines to produce digital terrain models (DTM) from CTX and HIRISE stereo pairs.

Fibertek, Inc.

www.Fibertek.com
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Fibertek provides space-qualified optical instrumentation for NASA asteroid, comet, lander, and planetary sensors. We have a particular expertise in lidar technologies supporting atmospheric CO_2, water vapor, methane from platforms including orbiters, small sat or cubesat, rovers. Other areas include 3D imaging topology and sample capture lidar, LIBS/Raman Lasers, metrology mass spectroscopy related fiber lasers, cubesat laser communication from deep space/orbiter/rover, small Sat/cubesat lidar concepts for vehicle instruments, and free-flying small and cubesats.

Idaho National Lab

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The Space Nuclear Power and Isotope Technologies Division of the Idaho National Laboratory pursues the development, fueling, and testing of power systems for use in remote and hostile environments. They have supported the use of radioisotope power on various NASA missions including the Mars Exploratory Rover (2003), New Horizons (2006), and Mars Science Laboratory (2011). They are currently preparing to support the 2020 mission to Mars with a radioisotope power system.

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JHU Applied Physics Laboratory

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JHU's Applied Physics Laboratory in Laurel, Maryland makes critical contributions to our nation's critical challenges. JHUAPL has built over sixty spacecraft and many more instruments for a variety of applications, including New Horizons, MESSENGER, STEREO, and the upcoming Europa mission.

JMARS — Mars Space Flight Facility — Arizona State University

jmars.asu.edu
Arizona State University
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Tempe AZ 85287-6305

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JMARS (Java Mission-planning and Analysis for Remote Sensing) is a free, open-source, Java based geospatial information system developed by the Mars Space Flight Facility at Arizona State University. It is currently used for mission planning and scientific data analysis by several NASA missions, including Mars Odyssey, Mars Reconnaissance Orbiter, the Lunar Reconnaissance Orbiter, and the upcoming OSIRIS-REx mission.

Lockheed Martin

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Expanding our knowledge and understanding of the universe is a challenging endeavor that Lockheed Martin has been actively engaged in for more than five decades. We have developed and deployed numerous spacecraft and products supporting our understanding of Earth and planetary science, heliophysics, and astrophysics. We're accountable to one standard — 100% mission success. We understand the risks and will not shy away from the hard challenges associated with this mission.

LPI-JSC Center for Lunar Science and Exploration

www.lpi.usra.edu/exploration
3600 Bay Area Blvd.
Houston TX 77058

Contact: Jennifer Steil
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The LPI-JSC Center for Lunar Science and Exploration is one of the founding members of the Solar System Exploration Research Virtual Institute (SSERVI). At LPSC, the Center will help faculty find classroom resources, advise university students about future training opportunities, and distribute educational and public outreach materials.

Lunar Reconnaissance Orbiter Camera SOC

lroc.sese.asu.edu/
P.O. Box 873603
Tempe AZ 85287

Contact: Nicholas Estes
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The Lunar Reconnaissance Orbiter Camera Science Operations Center (LROC SOC) operates the LROC instrument on the Lunar Reconnaissance Orbiter. The LROC SOC has developed Lunaserv as a planetary capable WMS server package that anyone can use to integrate their planetary GIS data with WMS compatible client software.

NASA

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NASA/Lunar Reconnaissance Orbiter (LRO) Science and Data

lunar.gsfc.nasa.gov
8800 Greenbelt Road
Greenbelt MD 20771

Contact: Amalia Morusiewicz
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Lunar Reconnaissance Orbiter, since June 2009, has successfully mapped the Moon in exquisite detail with multiple techniques, pioneered new technology for planetary observations, discovered important lunar resources, and revealed the Moon to be a more dynamic world than previously anticipated.

PDS Geosciences Node

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The PDS Geosciences Node of NASA's Planetary Data System (PDS) archives and distributes digital data related to the study of the surfaces and interiors of terrestrial planetary bodies. We work directly with NASA missions to help them generate well-documented, permanent data archives. We provide data to NASA-sponsored researchers along with expert assistance in using the data. All our archives are online and available to the public.

PROTO

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PTScientists

www.ptscientists.com
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Berlin 12623 Germany

Contact: Rolf Erdmann
re@ptscientists.com

Taurus-Littrow valley, the place where man last set foot on the Moon, serves as the starting point of the PTScientists mission back to the Moon. Driven by the scientific interest to uncover what happened to the artifacts of Apollo after 43 years, the mission serves as the testing ground for new private autonomous landing and robotic exploration technologies. Mission partners include the Audi AG, the German Space Center (DLR) and a number of educational partners.

Purdue University

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Purdue's Department of Earth, Atmospheric, and Planetary Sciences (EAPS) is dedicated to the scientific study of physical, chemical, and dynamic processes that include a broad range of phenomena from tectonics to asteroid impacts to severe weather. Come learn about the outstanding opportunities awaiting students interested in our department.

Regional Planetary Information Facility Network (RPIFN)

www.lpi.usra.edu/library/RPIF/
USGS Astrogeology Science Center
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The Regional Planetary Information Facility (RPIF) Network is a NASA-supported international, interdependent network of 16 data facilities. Each facility has unique holdings and expertise. First created in the 1980s to provide nodes for ready, economical access to paper maps and images, the RPIF Network has evolved to provide a wide range of planetary science data, archival and current, to their host institutions and the entire planetary science community.

Space Science Institute

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