



## LIST OF EXHIBITORS (Updated March 15, 2012)

### Cambridge University Press

<http://www.cambridge.org/us>  
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### Cameca Instruments, Inc.

<http://www.cameca.com>  
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### Center for Space Nuclear Research

<http://www.usra.csnr.edu>  
Universities Space Research Association  
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Idaho Falls ID 83401

Contact: Delisa Rogers  
208-526-5309  
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The Center for Space Nuclear Research (CSNR) is operated by the Universities Space Research Association (USRA) and Idaho National Laboratory (INL). The CSNR is a focus for engaging university research scientists in research and development of advanced space nuclear systems, including power/propulsion systems and radioisotope power generators. The CSNR creates opportunities for university researchers to collaborate with their counterparts at NASA and INL in projects to advance nuclear technologies for space exploration and other space applications.

### Centre for Planetary Science and Exploration

<http://www.cpsx.uwo.ca>  
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The goal of the Centre for Planetary Science and Exploration (CPSX) is to make The University of Western Ontario (Western) the focus for planetary science and exploration research in Canada, and to establish Western as a leading school for space systems design. The CPSX boasts the largest planetary science research group in Canada, consisting of over 50 faculty members and researchers, 10 post-docs, and 35 graduate students from 10 academic departments across the university.

### Google Lunar X PRIZE

<http://www.googlelunarxprize.org>  
X PRIZE Foundation  
5510 Lincoln Blvd, Suite 100  
Playa Vista CA 90094

Contact: Alexandra Hall  
[alex.hall@xprize.org](mailto:alex.hall@xprize.org)



Before the end of 2015, robots will be landing on the surface of the Moon as competitors in the Google Lunar X PRIZE, vying to win some of a \$30 million prize purse, and establish new efficient and effective ways to reach the Moon. Our 26 teams, from 16 countries, have a variety of options for taking small science payloads to the surface and are now seeking to partner with interested scientists!

### Hamilton Sundstrand Rocketdyne

<http://www.utc.com/units/hamilton.htm>

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Canoga Park CA 91309

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Hamilton Sundstrand Rocketdyne is currently working with NASA and the Department of Energy in defining and developing the latest radioisotope generators and nuclear power systems to power spacecraft and lunar surface systems, as well as advanced terrestrial nuclear power plants. We have been instrumental in bringing the necessary experience to energy and space exploration programs including innovative electrical power conversion, power management and distribution, heat transport, and thermal management as well as large-scale system integration, reliability and safety, and payload solutions.

### Jacobs Technology

<http://www.jacobstechnology.com>

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Jacobs Technology is the advanced technology division of Jacobs Engineering, one of the nation's largest engineering and technical services-only companies. With 70+ years of experience supporting government and commercial clients, we have earned a reputation for excellence and outstanding technical and managerial achievements in quality, performance, and safety. Our clients include the DOD, NASA, the U.S. Special Operations Command, the DOE, and dozens of commercial clients, such as Boeing, Lockheed Martin, Rolls-Royce, and General Motors.

### JHU/Applied Physics Laboratory

<http://civspace.jhuapl.edu>

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The Johns Hopkins University's Applied Physics Laboratory (APL) leads several NASA planetary missions and conducts significant grant-based research on planetary, space, and Earth science interests. APL has built more than sixty-four spacecraft and instruments, including New Horizons, MESSENGER, STEREO, and RBSP.

### JMARS — Mars Space Flight Facility —

#### Arizona State University

<http://jmars.mars.asu.edu>

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Tempe AZ 85287

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JMARS (Java Mission-planning and Analysis for Remote Sensing) is a 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, and the Lunar Reconnaissance Orbiter.

### Lockheed Martin

<http://www.lockheedmartin.com>

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Headquartered in Bethesda, Maryland, Lockheed Martin is a global security company that employs about 126,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration, and sustainment of advanced technology systems, products, and services. Expanding our knowledge and understanding of the universe is a challenging endeavor that Lockheed Martin has been actively engaged in for 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.

### NASA In-Space Propulsion Technology Program

<http://spaceflightssystemsgrc.nasa.gov/Advanced/>

[ScienceProject/ISPT/](#)

NASA Glenn Research Center  
21000 Brookpark Rd, Mail Stop 142-5  
Cleveland OH 44136

Contact: Daniel Vento  
216-433-2834  
[Daniel.M.Vento@nasa.gov](mailto:Daniel.M.Vento@nasa.gov)



Design Your Mission! NASA's In-Space Propulsion Technology program is sponsoring an opportunity to design your mission with the latest in NASA's Mission Design tools. Mission designers will be available to discuss your concept, potential methods of implementation, and design a notional trajectory to determine delivered capabilities and mission class estimate. The NASA ISPT Project provides advanced propulsion technology for planetary science missions. Technologies include advanced ion propulsion, advanced chemical propulsion, and planetary ascent vehicles, as well as aerocapture and Earth entry vehicles.

## NASA Radioisotope Power Systems

<http://rps.nasa.gov>

NASA/JPL  
4800 Oak Grove Drive  
Mail Stop 180-112  
Pasadena CA 91109-8001



Contact: Eddie Gonzales  
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The Radioisotope Power Systems Program is an ongoing partnership between NASA and the U.S. Department of Energy to develop the next generation of reliable radioisotope power systems (RPS), enabling a broad range of science missions that could operate more widely and efficiently than their predecessors. This mission-driven technology development program is developing and validating two basic RPS units: the Multi-Mission Radioisotope Thermoelectric Generator (MMRTG) and the Advanced Stirling Radioisotope Generator (ASRG).

## NASA's Eyes on the Solar System

<http://solarsystem.nasa.gov/eyes>

NASA/JPL  
4800 Oak Grove Drive  
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Pasadena CA 91109-8001



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Almost everyone with a computer can now "ride along" with our planetary missions in a video-game like fashion. Using "Eyes on the Solar System," people everywhere can experience NASA and some ESA missions in real time or travel through time viewing missions from 1950 through 2050 using real mission data. New features and operation of NASA's "Eyes on the Solar System" and "Eyes on the Earth" online tools will be demonstrated.

## National Nuclear Laboratory (UK)

<http://www.nnl.co.uk>

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Birchwood Park  
Warrington WA3 6AE  
United Kingdom



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The UK's National Nuclear Laboratory (NNL) offers an unrivalled breadth of technical products and services to our customers across the whole nuclear industry. NNL covers the complete nuclear fuel cycle from fuel manufacture and power generation, to reprocessing, waste treatment, and disposal and including defence, new nuclear builds, and Homeland Security. NNL provides these services supported by an impressive range of facilities and links with international research organisations, academia, and other national laboratories.

## NLSI-Center for Lunar Science and Exploration

<http://www.lpi.usra.edu/nlsi/>

USRA  
3600 Bay Area Boulevard  
Houston TX 77058



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The Center for Lunar Science and Exploration is an integral member of the NASA Lunar Science Institute and is designed to address the highest science priorities identified by the National Research Council for NASA, integrate lunar science with exploration activities to enhance mission productivity, generate expertise to meet the nation's needs, and provide a pipeline of knowledge for students and the public.



## Nuclear & Emerging Technologies for Space

<http://htanstd.ans.org/NETS2012/NETS2012Home.html>

ANS Aerospace Nuclear Science & Technology Division  
555 N. Kensington Ave  
La Grange Park, IL 60526



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NETS-2012 is organized by the Aerospace Nuclear Science and Technology Division (ANSTD), a professional division of the American Nuclear Society (ANS). Sponsored by the ANSTD and co-sponsored by the American Institute of Aeronautics and Astronautics (AIAA), NETS-2012 is the premier conference covering advanced power and propulsion systems for landed and in-space applications in 2012. Stop by the NETS booth to learn more about the sponsoring organizations and conference series.

## PDS Geosciences Node

<http://pds-geosciences.wustl.edu>

NASA  
Washington University in St. Louis  
One Brookings Dr., Campus Box 1169  
St. Louis MO 63130



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314-935-9295  
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The Geosciences Node of NASA's Planetary Data System (PDS) archives and distributes data related to the study of the surfaces and interiors of terrestrial planetary bodies. We work with NASA missions to help them generate well-documented, permanent data archives. We provide data to NASA-sponsored researchers upon request, make data available using Analyst's Notebooks and Orbital Data Explorers, and provide expert assistance in using the data.

### Regional Planetary Image Facility (RPIF) Network

<http://science.nasa.gov/planetary-science/planetary-science-data/regional-planetary-image-facilities-rpif/>

USGS Astrogeology Science Center  
2255 N. Gemini Dr.  
Flagstaff AZ 86001

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NASA's 17 U.S. and overseas Regional Planetary Image Facilities (RPIFs) supply planetary data to researchers, students, and the public. The RPIF Network was founded in 1977 to maintain photographic and digital data and mission documents. RPIF facilities, which are open to the public, are reference centers for browsing, studying, and selecting planetary data including images, maps, documents, and outreach materials. Experienced staff at each facility assist scientists, educators, students, media, and the public in accessing materials.

### Smithsonian/NASA ADS

<http://adslabs.org>

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The NASA Astrophysics Data System (ADS) is a Digital Library portal offering access to 9 million bibliographic records in Astronomy and Physics. The ADS provides access and links to a wealth of external resources, including electronic articles, data catalogs, and archives. Please stop by our booth for a demonstration of ADS Labs, our new search interface featuring filtering of results, visualization of bibliographic networks, article recommendations, and full-text searching. Find us online at <http://adslabs.org>.

### Space Science in Wikipedia

<http://www.lpi.usra.edu>

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The Lunar and Planetary Institute (LPI) is a research institute that provides support services to NASA and the planetary science community, and conducts planetary science research under the leadership of staff scientists, visiting researchers, and postdoctoral fellows. LPI is available to assist the science community in sharing their knowledge and expertise worldwide on the world's most successful online encyclopedia, Wikipedia.

### Springer

<http://www.springer.com>

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New York NY 10013

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### The Boeing Company

<http://www.boeing.com>

Advanced Space Exploration  
13100 Space Center Blvd  
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Boeing Defense, Space & Security's Phantom Works group includes advanced programs, pursues new business, and executes new programs prior to their reaching the System Design and Development phase. In close collaboration with Boeing Research & Technology, Boeing's advanced research and development unit, Phantom Works develops and transitions advanced programs into the BDS business areas and ultimately to BDS' defense and space customers.

### The National Academies/Space Studies Board

<http://sites.nationalacademies.org/SSB/index.htm>

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The Space Studies Board provides an independent, authoritative forum for information and advice on all aspects of space science and applications, and it serves as the focal point within the National Academies for activities on space research. It oversees advisory studies and program assessments, facilitates international research coordination, and promotes communications on space science and science policy between the research community, the federal government, and the interested public.

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The University of North Dakota offers a premier online and campus-based graduate program in the field of space studies. The M.S. degree is an interdisciplinary program, combining space physical science, space life science, space engineering, space policy and law, space business and economics, and space history. The popular online program is ideally suited for professionals who wish to enhance their career opportunities in the space arena. A Ph.D. program is planned to begin soon.

**U.S. Geological Survey Astrogeology Science Center**

<http://astrogeology.usgs.gov/>

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The United States Geological Survey Astrogeology Science Center is a community leader in planetary science research, image processing, cartography, geologic mapping, and geographic information system (GIS). Our mission is to serve the planetary community and public with research and technical expertise, analytical software, image products, digital and print maps, technical training, and education and public outreach programs.