

SPACECOM

SPACE COMMERCE CONFERENCE AND EXPOSITION

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Space-Age Energy Solutions Capture the Spotlight

SpaceCom 2016 to Explore Use of Space Assets, Technologies to Address Energy Challenges on Earth

HOUSTON – Space and energy industry leaders will explore new ways to enhance power grid security, protect rig workers during sudden storms and optimize oil and gas exploration using affordable access to space-based assets at the annual [SpaceCom \(Space Commerce Conference and Expo\)](#). The largest commercial space conference in the world, SpaceCom 2016 will be held Nov. 15-17 at the George R. Brown Convention Center in Houston.

“Working together to leverage cutting-edge, space-based assets, we can develop game-changing applications to address critical energy issues here on Earth,” said James Causey, executive director of SpaceCom. “Our unique approach at SpaceCom allows attendees to do much more than listen to speakers behind a podium. They get to discuss real-world problems and collaborate on next-generation solutions. By cross-pollinating knowledge and assets, we can devise applications never before imagined.”

Technologies developed for space are already making a dynamic impact on many sectors of the energy industry, including water drilling, undersea production and pipeline operations. SpaceCom will showcase these cross-over technologies and demonstrate existing applications that can be used to improve profits, create new product lines and gain market share.

“The space and energy industries both operate in environments where power and communications can be a challenge, and maintaining human safety is critical,” said Barry K. Worthington, executive director of U.S. Energy Association. “The common challenges present the perfect breeding ground for synergistic learning opportunities. SpaceCom fuels this engagement by gathering experts in both fields to showcase the latest innovations and participate in critical discussions to uncover even more applications. If you are an energy professional, this is a conference not to miss.”

SpaceCom comes alive via five specific Applications Workshops, which is where the vital, cross-industry collaborations take place. At the 2016 event, energy professionals will benefit from workshops such as *Natural Resources: Effective Husbandry*, where participants will explore Earth observation and remote sensing technologies addressing issues such as optimal location for oil and gas exploration.

Other Applications Workshops at SpaceCom 2016 include *Our Oceans: The Vital Resource*; *Climate: Affecting Every Business*; *Remote Medicine: Quality Care Anywhere and Everywhere*; and *Materials: Reshaping our World*.

SpaceCom 2016 will also feature and examine space-derived technologies currently at work in the energy industry, including:

- Remote-sensing devices developed by NASA’s Jet Propulsion Laboratory (JPL) to enable electronic communication over millions of miles in outer space that are being adapted by oil companies for deep-water energy exploration.
- JPL’s advances in high-temperature electronics that are leading to a new generation of sensors for high-temperature wells to continue operations in extremely harsh environments.

- Apache-developed software that allows drill bits to think for themselves and communicate directly with surface-level equipment to control speed and direction.
- Other applications that: provide security to the power grid; enhance digital oil field management; manage drones; perform interstate powerline inspections; manage pipeline networks; determine fuel storage levels; 3D printing; and more.

The three-day event will also feature conference sessions with energy experts from companies and agencies, including Shell, Shackleton Energy, KBRWyle, Google, Inc., European Space Agency, NASA, Made in Space, Bigelow Aerospace, SpaceX, ULA, Deep Space Industries and Moon Express. In addition, there will be numerous opportunities for cutting-edge entrepreneurs, business leaders and investors to do business and forge partnerships to gain competitive advantage. A full conference program is available [here](#).

[Registration](#) for this year's event is currently open, and attendees who sign up before Sept. 9 can take advantage of a \$200 savings. [Sponsorships and exhibit booth space](#) are also still available. For more information, visit www.spacecomexpo.com.

About SpaceCom

[SpaceCom](#) (the Space Commerce Conference and Exposition) focuses on the application of space technologies to fuel business innovation across the advanced manufacturing, agribusiness, energy, maritime and medical industries. The event is produced in collaboration with [NASA Johnson Space Center](#), [Center for the Advancement of Science in Space \(CASIS\)](#), [Greater Houston Convention and Visitors Bureau \(GHCVB\)](#), [Houston First Corporation](#) and [National Trade Productions](#). For more information, visit www.spacecomexpo.com.

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