



SPACECOM

SPACE COMMERCE CONFERENCE AND EXPOSITION

**WHERE NASA, AEROSPACE,
AND COMMERCIAL INDUSTRIES
COME TOGETHER.**

- 100+** ▶ Exhibitors and Partner Organizations
- 100+** ▶ Experts Speaking
- 40** ▶ Conference Sessions
- 10** ▶ NASA Centers Participating
- 6** ▶ Keynote Presentations
- 2** ▶ Brand-New Co-Location Conferences

NOVEMBER 27-28, 2018

George R. Brown Convention Center • Houston, TX • www.SpaceComExpo.com

EXPLORE THE NEW MULTI-BILLION DOLLAR COMMERCIAL SPACE INDUSTRY.

SpaceCom 2018 is the only civilian conference and exposition where NASA, aerospace, and industries come together to connect.

Discover where technology and innovation will take us — both on Earth and in near and deep space.

▶ SpaceCom provides critical solutions for the following markets:

- **NASA and aerospace.** Develop strong relationships across all NASA Centers and with industry leaders.
- **Industry.** Harness Smart technology and services to improve the tools, machines, devices, and services we use every day here on Earth.
- **Entrepreneurs.** Startups, innovators, and investors raise funds and leverage investments in an exponentially growing commercial space market.
- **International space agencies and companies.** Form partnerships and collaborate on space initiatives with organizations from more than 30 countries.

▶ Special Co-Location Programs Add Value for SpaceCom Attendees



Italian Innovation and Entrepreneur Days



ANNOUNCE THE

\$100,000* ENTREPRENEUR CHALLENGE

Join early- and mid-stage startups and investors for two days of workshops and activities to stimulate investment and growth in the commercial space sector. Startups will also showcase their cutting-edge technology in a pavilion on the show floor. A challenge will take place during a plenary session, and attendees will vote on a grand prize winner.

Prizes: Grand Prize \$100,000 | Finalists \$20,000 | Remaining Participants \$3,000

**Winners receive dollars' worth of Google Cloud credits.*

To learn more, visit www.SpaceComExpo.com/SES.

▶ Aerospace and NASA Professionals

SpaceCom, the largest civilian aerospace event developed in collaboration with the NASA and aerospace communities throughout the world, is a critical investment for your career and your professional projects. Here's why:

- **Networking.** Strategize with NASA Center employees and aerospace companies.
- **Best Practices.** A NASA Center Theater will feature presentations from the NASA Centers.
- **Cislunar Program.** Join other leaders in the Cislunar Development Alliance.
- **The Commercial Spaceport Summit.** Exchange ideas with representatives from more than 20 spaceports.
- **CLEE designated education** approved by NASA.

▶ Commercial Industry Professionals

Discover Smart technology applications that increase commercial business profits. SpaceCom helps professionals from energy, advanced manufacturing, medical, agribusiness, and maritime commercial companies learn how to take advantage of technology from space initiatives to improve products and operations here on Earth.

Join your colleagues in the Smart Energy and Smart Advanced Manufacturing Conferences.

"SpaceCom has become the premier event for the commercial space industry."

— Stuart Martin, CEO,
Satellite Applications Catapult

VISIONARIES LEAD EXCITING CONFERENCE SESSIONS

The SpaceCom conference program fosters connections to help attendees explore new markets, improve profits, and gain insights from experts. Speakers from commercial industry companies, academia, and civilian government organizations lead discussions and exchanges.

This program is a CLEE designated educational event approved by NASA.

Featured Keynote Presentations



TORY BRUNO

Chief Executive Officer,
United Launch Alliance



America's Ride to Space



GEORG WHITESIDES

Chief Executive Officer,
Virgin Galactic



MANUEL HEITOR

Portuguese Minister for
Science, Technology,
and Higher Education



SHRI RAKESH SASIBHUSHAN

Chairman and Managing
Director, Antrix
Corporation (ISRO)



KEVIN O'CONNELL

Director, Office of
Space Commerce,
U.S. Department of
Commerce



ITALIAN TRADE AGENCY
P.O. Box 10000
Trade Promotion Section of the
Consulate General of Italy
Houston Office

EXPERTS FROM THE ITALIAN SPACE AGENCY

Visionary Speakers

Experts from these companies will be leading sessions at SpaceCom:



Booz | Allen | Hamilton



America's Ride to Space



View a full list of the conference faculty at SpaceComExpo.com

NEW!

Smart Energy and Smart Advanced Manufacturing Conferences



If you work in commercial industries and are looking for opportunities to improve efficiency and profits in your company, industry, or city, sign up for one or both of our Smart Conferences, which are co-locating with SpaceCom. Explore, understand, and learn how to apply new disruptive Smart technology (IoT, M2M, and AI) in the energy and advanced manufacturing sectors.

We are laying the groundwork for solving the problems of the future. Come learn from professionals across a multitude of industry sectors what emerging technology will be forming the new multi-billion dollar commercial space industry.

CONFERENCE AGENDA

For full session descriptions, visit SpaceComExpo.com

TUESDAY, NOVEMBER 27	
8:30 AM – 9:30 AM	
Autonomous Medicine	● ● ●
Emerging Suborbital and Near Earth (LEO) Orbital Services	● ● ●
Remote Energy Generation	● ● ● ●
Smart Advanced Manufacturing Conference Session 1: Benefits from Using New Manufacturing Operational Intelligence	● ● ●
Technology Convergence Panel — Data Analytics	● ● ● ●
Technology Convergence Panel — Wearables	● ● ● ●
10:00 AM – 11:00 AM	
Smart Advanced Manufacturing Conference Session 2: New Insights Learned from NASA on Improving the Purity and Strength of Materials	● ● ●
10:15 AM – 10:45 AM	
KEYNOTE James Bridenstine, Administrator, National Aeronautics and Space Administration (invited)	ALL
10:45 AM – 11:05 AM	
KEYNOTE Italian Space Agency	ALL
11:00 AM – 12:00 PM	
Smart Advanced Manufacturing Conference Session 3: Large-Scale 3D Printing Applications on Rockets and Engines	● ● ●
11:05 AM – 12:10 PM	
Key Benchmarks for an LEO Economy	ALL
1:00 PM – 1:45 PM	
NASA Chiefs Forum	ALL
1:30 PM – 2:30 PM	
Smart Advanced Manufacturing Conference Session 4: The Value of Optimization of New Remote Service and Remote Monitoring	● ● ●
2:00 PM – 3:15 PM	
Impact of Space Policy Changes	● ●
Microbes: The Effect on Humans and the Environment	● ●
Technology Convergence Panel — Internet of Things (IoT)	● ● ● ●
The Evolving Satellite Communications Market	● ● ●
2:30 PM – 3:30 PM	
Smart Advanced Manufacturing Conference Session 5: New Additive Manufacturing Materials and Their Application	● ● ●
4:00 PM – 5:00 PM	
How the International Space Station Can Benefit Companies Outside of the Space Industry	● ● ● ●
Smart Advanced Manufacturing Conference Session 6: Latest Advancements in Applied Robotics and Autonomy in the Manufacturing Process	● ● ●
Space Traffic Management and Debris Mitigation Best Practices	● ●
Technology Convergence Panel — Image Processing	● ● ● ●
Telemedicine	● ● ● ●

WEDNESDAY, NOVEMBER 28	
8:30 AM – 9:30 AM	
Heavy Lift for Cislunar Commercial Markets	● ●
NASA Innovations — Opportunities for Energy and Medical Industries	● ●
Smart Energy Conference Session 1: Smart Oil and Gas Exploration	● ● ●
Technology Convergence Panel — Automation and AI	● ● ● ●
Technology Convergence Panel — Cyber Security	● ● ●
10:00 AM – 11:00 AM	
Smart Energy Conference Session 2: Smart Drilling and Smart Rigs	● ● ●
10:10 AM – 10:40 AM	
Indian Space Program — A Partner to Nation Building	ALL
11:00 AM – 12:00 PM	
Smart Energy Conference Session 3: Innovations in Deep Water Robotics	● ● ●
11:15 AM – 12:00 PM	
PANEL Leading Italian Space Agencies	ALL
1:30 PM – 2:30 PM	
SpaceCom Entrepreneur Summit Pitch Competition	ALL
Smart Energy Conference Session 4: Latest Remote Sensing Technology Applied Across the Energy Supply Chain	● ● ●
2:30 PM – 3:30 PM	
Smart Energy Conference Session 5: Cyber Security Across Oil and Gas Operations	● ● ●
2:45 PM – 3:45 PM	
Future for Commercial Space Habitats	● ● ●
NASA Innovations — Opportunities for the Advanced Manufacturing and Agribusiness Industry	● ●
Technology Convergence Panel — Radiation Protection	● ● ●
Technology Convergence Panel — Smart Robotics	● ● ● ●
4:00 PM – 5:00 PM	
Smart Energy Conference Session 6: Smart Refinery Operations	● ● ●
4:15 PM – 5:15 PM	
Access to Lunar Water Resources: The Linchpin of the Cislunar Economy	● ● ●
Biotechnology Breakthroughs for Deep Space	● ● ●
Innovations from the Federal Labs — Opportunities for Commercial Space Industry	● ●
Technology Convergence Panel — Augmented and Virtual Reality	● ● ● ●
LEGEND	<ul style="list-style-type: none"> Advanced Manufacturing ● Aerospace ● Agribusiness ● Energy ● Investment ● Maritime ● Medical ●

JOIN THE INDUSTRY LEADERS

Representing Hundreds of Products, Services, and Innovations

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American Composites
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American Institute of Aeronautics
and Astronautics
Angelus Funding
ASRC Federal
Astrapi Corporation
Atec, Inc.
Bay Area Houston Economic
Partnership
Benchmark Space Systems, Inc.
Blue Tech Inc., an Apple Value
Added Reseller
Boeing
BWX Technologies
Carahsoft Technology Corp.
Cascade TEK
Cecil Spaceport
Cemvita Factory Inc.
Commercial Spaceflight
Federation
Colorado Air and Space Port
DexMat

Edge of Space
Engility Corporation
EWI Worldwide
EXOS
Forest City Gear Company
Glenair, Inc.
Gretna Machine Shop
Greater Houston Partnership
GVF
Hedy-Anthiel Space Systems
Houston Spaceport
Hyperverge, Inc.
Interface Welding
ISPCS
Italian Trade Commission —
Houston
Jacobs Engineering Group Inc.
KBRWyle
Laserline Inc.
Leidos, Inc.
Lockheed Martin
Lucid Drone Technologies, Inc.
MEI Technologies
NASA
National Ocean Industries
Association
National Space Society
Northrop Grumman
nTopology Inc.

Omnetics
Rocket Lab
Satellite Applications Catapult
Space & Satellite Professionals
International
Space Renaissance
International
Spaceport America
SpaceVault
STARK Industries LLC
StemRad Inc.
T STAR LLC
Tapjets, Inc.
Tempo Automation
Texas A&M Engineering
Experiment Station
Thermotron Industries
United Launch Alliance (ULA)
United States Energy
Association
University of Houston
Via Satellite
Weldaloy
Wind River Systems, Inc.
Winstead PC
XTRONAUT Enterprises

As of October 3, 2018



SHOW FLOOR HIGHLIGHTS

All SpaceCom attendees receive free access to the expo hall!

▶ NASA Center Theater

Tuesday, November 27 | 12:00 PM – 5:00 PM

Wednesday, November 28 | 12:00 PM – 5:00 PM

All NASA Centers are invited to spotlight their market-ready technology to attendees and share best practices and tech transfer opportunities. They will also be showcasing assets available in their facilities as well as new technologies and capabilities that could require new supply chains to develop.

SCHEDULE | Tuesday, November 27

12:00 PM – 12:45 PM..... Marshall Space Flight Center

1:00 PM – 1:45 PM NASA Chiefs Forum

2:00 PM – 2:45 PM Johnson Space Center

3:00 PM – 3:45 PM Ames Research Center

4:00 PM – 4:45 PM Goddard Research Center

SCHEDULE | Wednesday, November 28

12:00 PM – 12:45 PM..... Stennis Space Center

1:00 PM – 1:45 PM Kennedy Space Center

4:00 PM – 4:45 PM Langley Research Center

▶ ISS Pavilion

Visit NASA's Destination Station, CASIS (founding sponsor), and other ISS partners and join us at the opening reception to celebrate the 20th anniversary of the International Space Station.

▶ Networking, Demonstrations, and More

There is always something exciting going on at the SpaceCom exposition, whether it's astronaut meet-and-greets, a sample of Moon rock, or robots, to name a few examples. Come be part of the forward-thinking innovators who are changing the way we conduct business, travel, and communicate.

To see the full NASA Center Theater schedule, visit www.SpaceComExpo.com/nasa-center-theater.



Registration Information

Full conference, daily pass, and expo-only registrations are available. To view details — or to register — visit www.SpaceComExpo.com.



Register using the code **SPCTM18**.
Access to the expo hall is free.

SPACECOM 2018 is the only civilian conference and exposition where NASA, aerospace, and industries come together to connect.

Increase Your Competitive Edge

- Build partnerships with international businesses.
- Be part of one of the largest gatherings of NASA personnel attending a civilian space conference.
- Expand your presence in the space commerce industry.
- Discover the NASA Centers' plans for tech transfer during the NASA Center Theater presentations.
- Explore technological advances in commercial industries including energy, advanced manufacturing, maritime, medical, and agribusiness.

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313 S. Patrick St.
Alexandria, VA 22314

► Use this code when registering: **SPCTM18**

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Join global leaders and decision makers shaping the commercialization of space.

Don't miss the largest space commerce event of 2018.

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