

12:00 – 1:00 Lunch & Networking Break

Dr. Michael Barratt, NASA Human Research Program Office

1:00 PM - 1:30 PM

Spaceport Economic Development

Moderator: Dr. Diane Howard, Embry-Riddle Aeronautical University

1:30 PM - 2:30 PM

Panelists:

Mark Bontrager, Vice President, Spaceport Operations | **Space Florida**

Mario Diaz, Director of Aviation | **City of Houston**

Ryan Noble, General Counsel | **New Mexico Spaceport Authority**

Pam Welch, Executive Director | **Midland Development Corporation**

2:30 – 2:45 Networking Break

Ms. Kellie Gerardi, Mars One

2:45 PM - 3:15 PM

Commercial Space Transportation Research

Moderator: Dr. Tristan Fiedler, Vice President, Federal Research Programs | Florida Institute of Technology

3:15 PM - 4:00 PM

Panelists:

Brad Cheetham, PhD Candidate, Department of Aerospace Sciences | **University of Colorado – Boulder**

Dr. Scott Hubbard, Consulting Professor, Department of Aerospace Engineering | **Stanford University**

Dr. David Klaus, Professor, Department of Aerospace Sciences | **University of Colorado - Boulder**

Dr. Jim Vanderploeg, Director, Clinical Preventive Medicine Division/Professor, Aerospace Medicine | **University of Texas Medical Branch**

Dr. Brad Tousley, Director, Tactical Technology Office, DARPA

4:00 PM - 4:30 PM

Dr. Sandra H. Magnus, Executive Director, AIAA

4:30 PM - 5:00 PM

Closing Remarks:

Dr. George Nield, Associate Administrator for Commercial Space Transportation, Federal Aviation Administration

18th Annual FAA COMMERCIAL SPACE TRANSPORTATION CONFERENCE

February 4-5, 2015

**National Housing Center
1201 15th Street NW
Washington, DC**

ast.faa.gov

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**Federal Aviation
Administration**

Day 1: Wednesday, February 4th

Registration Opens
7:30 AM - 8:00 AM

Welcome and Opening Remarks: Dr. George Nield, Associate Administrator for Commercial Space Transportation, Federal Aviation Administration
8:00 AM - 8:15 AM

Chairman Steven M. Palazzo, U.S. House of Representatives Space Subcommittee
8:15 AM - 8:45 AM

Chairman Jim Bridenstine, U.S. House of Representatives Environment Subcommittee
8:45 AM - 9:15 AM

Eric Stallmer, President, Commercial Spaceflight Federation
9:15 AM - 9:30 AM

The Honorable Anthony Foxx, Secretary, Department of Transportation (Invited)
9:30 AM - 10:00 AM

10:00 – 10:20 Networking Break

Dr. Mary Lynne Dittmar, Member, National Research Council Committee on Human Spaceflight
10:20 AM - 10:50 AM

Designing a Commercial Spaceflight Training Program
Moderator: Mr. Michael Lopez-Alegria, COMSTAC Vice-Chairman
10:50 AM - 12:00 PM

Panelists:
David Allen, Vice President, Marketing and Communications | **Black Sky Training**

Terese Brewster, President/COO | **ZeroG**

Christopher J. Ferguson, Deputy Program Manager for Operations | **Boeing**

Beth Moses, Chief Astronaut Trainer | **Virgin Galactic**

Rick Searfoss, Director, Flight Test Operations/Chief Test Pilot | **XCOR Aerospace**

Dr. Jim Vanderploeg, Director, Clinical Preventive Medicine Division/Professor, Aerospace Medicine | **University of Texas Medical Branch**

12:00 – 1:00 Lunch & Networking Break

The Honorable Michael Huerta, Administrator, Federal Aviation Administration
1:00 PM - 1:30 PM

Small Satellites and Dedicated Small Launch Vehicle
Moderator: Mr. Paul Damphousse, Principal, GenAstro LLC
1:30 PM - 2:45 PM

Panelists:
Karen Dacres, General Counsel | **PlanetiQ**

Tom Markusic, CEO | **Firefly Space Systems**

Jon Kirchner, President | **GeoOptics**

Andrew Nelson, President | **XCOR Aerospace**

Dr. John Olds, CEO | **Generation Orbit**

Will Pomerantz, Vice President, Special Projects | **Virgin Galactic**

Elliot Pulham, Space Foundation
2:45 PM - 3:00 PM

3:00 – 3:30 Networking Break

Mr. Jason Crusan, Director, Advanced Exploration Systems Division, NASA
3:30 PM - 4:00 PM

Wayne Hale, Director of Human Spaceflight, Special Aerospace Services
4:00 PM – 4:30 PM

NASA Commercial Crew Program Update
Moderator: Ms. Pamela Underwood, Deputy, Operations Integration Division, FAA AST
4:30 PM - 5:30 PM

Panelists:
Christopher J. Ferguson, Deputy Program Manager for Operations | **Boeing**

Tim Hughes, Senior Vice President and General Counsel | **SpaceX**

Brian Israel, Attorney-Adviser, Office of the Legal Adviser for Oceans, International Environmental and Scientific Affairs | **U.S. Department of State**

Kathryn L. Lueders, Manager, Commercial Crew Program | **NASA**

Mark Settle, Chief, Policy and Rules Division, Office of Engineering and Technology | **FCC**

Day 2: Thursday, February 5th

Registration Opens
7:30 AM - 8:00 AM

Welcome and Opening Remarks: Shana Dale, Deputy Associate Administrator for Commercial Space Transportation, Federal Aviation Administration
8:00 AM

Chairman Ted Cruz, U.S. Senate Commerce, Science, and Transportation Committee, Space, Science, and Competitiveness Subcommittee (Invited)
8:00 AM - 8:15 AM

Representative Donna Edwards, Ranking Member, U.S. House of Representatives, Committee on Science, Space, and Technology, Subcommittee on Space (Invited)
8:15 AM - 8:45 AM

Annual Compendium of Commercial Space Transportation – Carissa Christensen, Tauri Group
8:45 AM - 9:00 AM

Commercial Space Transportation Integration into the National Airspace (NAS)
Moderator: Jeff Foust, Space News
9:00 AM - 9:45 AM

Panelists:
Harry Bergmann, National Traffic Management Specialist | **National Air Traffic Controllers Association**

Kevin Hatton, Program Manager, Space Vehicle Operations | **FAA NextGen**

Dan Murray, Manager, Space Transportation Development Division | **FAA Office of Commercial Space Transportation**

United Kingdom Spaceplane Review and Future Regulations – Mr. Jerry Stubbs, UK Civil Aviation Authority
9:45 AM - 10:15 AM

10:15 – 10:30 Networking Break

The Honorable Christopher A. Hart, Acting Chairman, National Transportation Safety Board
10:30 AM - 11:00 AM

Commercial Space Transportation Industry Standards
Moderator: Mr. Oscar Garcia, Chair, Standard Working Group, COMSTAC
11:00 AM - 11:45 AM

Panelists:
Audrey Powers, Attorney | **Blue Origin**

J. Mack Reiley, Regulatory Compliance Manager | **Virgin Galactic**

Rusty Rentsch, Assistant Vice President, Technical Operations | **Aerospace Industries Association**