



2023 ANNUAL CONFERENCE

2023 Keystone Space Annual Conference Agenda

Wednesday, May 31, 2023

5:00 PM – 6:00 PM

*Sheraton Pittsburgh Hotel in
Station Square: Sheraton Hotel
Lobby*

Speaker Photo Op on Mt. Washington *(Invitation Only)*
Sponsored by Pittsburgh Regional Alliance

6:00 PM – 8:00 PM

*Grand Concourse in Station
Square: River Room*

Speaker Dinner Reception *(Invitation Only)*
Sponsored by Pittsburgh Regional Alliance

Thursday, June 1, 2023

8:00 AM – 9:00 AM

Grand Station Ballrooms III-V

Industry Council Breakfast *(Invitation Only)*

8:15 AM – 9:00 AM

Reflections Room

Continental Breakfast
Sponsored by ISS National Lab

9:00 AM – 4:00 PM

Reflections Room

Exhibit Hall

Explore regional space ecosystem participants and learn more about how they contribute to the industry.

- Acoustic Research Systems (ARS)
- Advanced Cooling Technologies Inc. (ACT)
- AFWERX
- Allegheny Performance Plastics (APP)
- Ansys
- Astrobotic
- Brandywine Photonics
- Carnegie Mellon University
- Cumberland Additive
- LyfeBrdge & PiMios
- Moonshot Museum
- Nova Space Inc.
- Spring Grove Area School District
- Software Design Solutions
- TMC Technologies
- Touchstone Research Laboratory
- University of Pittsburgh
- ZIN Technologies



2023 ANNUAL CONFERENCE

9:00 AM – 9:30 AM

Grand Station Ballrooms I-II

Welcome Remarks

Justine Kasznica, *Founder and Board Chair, Keystone Space Collaborative*

9:30 AM – 10:30 AM

Grand Station Ballrooms I-II

Government Investments in Regional Space

Learn more about how administrations across OH, PA, and WV are committed to driving regional space and space-adjacent programming, funding, and awareness to the region.

Moderator:

Representative Adam Holmes, *Ohio's 97th District*

Panelists:

Rick Siger, *Secretary, Department of Community and Economic Development*

Mark Bartman, *Maj Gen (Ret.), USAF, VP for Advanced Programs, Parallax Advanced Research*

Mitch Carmichael, *Secretary, WV Department of Economic Development*

10:30 AM – 10:45 AM

Reflections Room

Networking & Refreshments Break

10:45 AM – 11:00 AM

Grand Station Ballrooms I-II

Morning Keynote

Representative Matthew Cartwright, *Pennsylvania's 8th District*

NASA and DOD Regional Amplification

NASA and Department of Defense participants will share more about their regional programming and how maximizing the reach of existing programs can drive public investments into the regional space industry.

11:00 AM – 12:00 PM

Grand Station Ballrooms I-II

Moderator:

Representative Matthew Cartwright, *Pennsylvania's 8th District*

Panelists:

James Reuter, *Associate Administrator, NASA Space Technology Mission Directorate (STMD)*

Phil Hahn, *Deputy Director, AFWERX*

Dr. James Kenyon, *Director, NASA Glenn Research Center*

Sean Frisbee, *President, Vertx Partners*



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12:00 PM – 1:30 PM

Admiral Room

Lunch Keynote & PA Space Innovation District Announcement
Sponsored by Southern Pines Trucking

Moderator:

Justine Kasznica, *Founder and Board Chair, Keystone Space Collaborative*

Panelists:

Jason Brown, *Director, Carnegie Science Center*

Steve Winn, *CEO, Mirasol Capital, LLC*

John Thornton, *CEO, Astrobotic*

Ed Gainey, *Mayor, City of Pittsburgh*

Representative Summer Lee, *Pennsylvania's 12th District*

1:30 PM – 3:30 PM

Grand Station Ballrooms I-II

Workshop: Leveraging Regional Investments

Join industry leaders in identifying pathways to maximize the impact of regional investments in the space and space-adjacent industries.

Component Manufacturing & Mission Assurance:

Mark Straszheim, *Regional Director and Advanced Materials Lead, Cumberland Additive*

Matthew Grubb, *Senior Systems Engineer, TMC Technologies*

Kenneth Costello, *Engineering Services Group Lead, NASA*

Katherine Johnson IV&V Facility

Infrastructure, Power, & Communications:

Michael Anness, *Director of Fuel Innovation, Westinghouse*

Brian Barritt, *Chief Technology Officer, Aalyria*

Mike Provenzano, *Director of Lunar Surface Systems, Astrobotic*

LEO, Cis-Lunar, & Lunar:

Clive Neal, *Professor of Civil and Environmental Engineering and Earth Sciences, Notre Dame University*

Dan Hendrickson, *Vice President of Business Development, Astrobotic*

Dr. John Horack, *Professor and Neil Armstrong Chair in Aerospace Policy, The Ohio State University*

3:30 PM – 3:40 PM

Grand Station Ballrooms I-II

Remarks (Virtual)

James Free, *Associate Administrator for Exploration Systems, NASA*

3:40 PM – 4:00 PM

Reflections Room

Networking & Refreshments Break



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Commercial Low Earth Orbit

Sponsored by Voyager Space

Join industry experts as they discuss how the future of LEO commercialization lends itself to the strengths of the region and the potential of space for broader applications.

4:00 PM – 5:00 PM

Grand Station Ballrooms I-II

Moderator:

Dr. Jonathan Volk, *Senior Manager of In-Space Manufacturing and Advanced Materials, Sierra Space*

Panelists:

Dr. Michael Roberts, *Chief Science Officer, ISS National Lab*

Tara Ruttlely, *Chief Scientist, Orbital Reef, Blue Origin*

Vanya Buvac, *Chief Business Officer, Goeppert*

Ethan Haase, *Vice President of Business Development & Capture, Voyager Space*

Networking Reception at Carnegie Science Center

Sponsored by Babst Calland

5:30 PM – 7:30 PM

Carnegie Science Center:

Mars: The Next Giant Leap Exhibit

Enjoy the inclusive evening Networking Reception at Carnegie Science Center. Participants will enjoy exploring the new Mars: The Next Giant Leap exhibit with light hors d'oeuvres, drinks, and engaging conversation with regional space ecosystem participants.

Speakers:

Zoë Karabinus, *Program Director, Keystone Space Collaborative*

Steven Knapp, *President and CEO, Carnegie Museums of Pittsburgh*

Friday, June 2, 2023

R&D Academic Breakfast & Networking*

Sponsored by Carnegie Mellon University

8:00 AM – 10:00 AM

Grand Station Ballrooms III-V

Enjoy breakfast and strategic conversation with leading academic institutions from across the region as they identify actionable deliverables to activate space R&D targets and drive funding to the region. **Note this session is an additional cost to non-academic registrants.*

Dr. John Horack, *Professor and Neil Armstrong Chair in Aerospace Policy, The Ohio State University*



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9:15 AM – 10:00 AM
Reflections Room

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9:00 AM – 1:00 PM
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- Touchstone Research Laboratory
- University of Pittsburgh
- ZIN Technologies

10:00 AM – 10:10 AM
Grand Station Ballrooms I-II

Welcome Remarks (Virtual)

Senator Shelley Capito, *United States Senate*
Senator Joe Manchin, *United States Senate*

10:10 AM – 10:30 AM
Grand Station Ballrooms I-II

Morning Keynote: Powering the Moon from Pittsburgh

Sponsored by Goldman Sachs Group, Inc.
John Thornton, *CEO, Astrobotic*

10:30 AM – 11:00 AM
Grand Station Ballrooms I-II

Fireside Chat

Dr. Nicola Fox, *Associate Administrator, NASA Science Mission Directorate (SMD)*
Michael Johanson, *Senior Vice President Corporate Business Development & Strategic Planning, ZIN Technologies, Inc.*

11:00 AM – 11:30 AM
Reflections Room

Networking & Refreshments Break



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Workforce Development

Join this star-studded panel as they discuss how to address and respond to workforce development needs to support and engage a more successful regional workforce.

Moderator:

Jason Kessler, Program Executive, NASA SBIR/STTR

11:30 AM – 12:30 PM

Grand Station Ballrooms I-II

Panelists:

Dr. Howard Greene, Director, K-12 Education Outreach, The Ohio State University

Gayle Manchin, Federal Co-Chair, Appalachian Regional Commission

Dr. Quintin Bullock, President, Community College of Allegheny County

Scott Rotruck, Vice President of External Relations, Vertx Partners

Christopher Allen, Chief Operating Officer, Nova Space Inc.

12:30 PM – 1:30 PM

Admiral Room

Lunch Keynote

Sponsored by Blue Origin

Andrea Laskowski, VP of Supply Chain, Blue Origin

Representative Summer Lee, Pennsylvania's 12th District

Pam Melroy, Deputy Administrator, NASA

1:30 PM – 2:30 PM

Grand Station Ballrooms I-II

Technology Translation

Learn how industry R&D and defense innovation entities can support connections between universities and commercial companies.

Moderator:

Robert Cunningham, Vice Chancellor for Research Infrastructure, University of Pittsburgh

Panelists:

Daniel Lockney, Program Executive, Technology Transfer, NASA

Theresa Mayer, Vice President for Research, Carnegie Mellon University

Cheryl Turnbull, Senior Director, Keenan Center for Entrepreneurship, The Ohio State University

Brian Joseph, President and CEO, Touchstone Research Laboratory

2:30 PM – 2:45 PM

Grand Station Ballrooms I-II

Closing Remarks

Zoë Karabinus, Program Director, Keystone Space Collaborative

Cathleen Richards, Interim Executive Director, Moonshot Museum



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3:00 PM – 5:00 PM
*Moonshot Museum &
Astrobotic Rooftop*

Closing Celebration
Sponsored by AFWERX

Hosted at the Moonshot Museum in partner with AFWERX Pittsburgh. Come celebrate all that this region has to offer and explore Pennsylvania's first space museum with other space ecosystem participants and thought leaders.

7:00 PM
PNC Park

Pittsburgh Pirates vs St. Louis Cardinals Baseball Game
(Invitation Only)
Sponsored by Pittsburgh Regional Alliance