

EVENT RECAP

#aiaaSciTech | aiaa.org/SciTech

GAIAA

THANK YOU FROM AIAA

The 2023 AIAA SciTech Forum set an optimistic and energetic tone for this year. As the world's largest event for aerospace research, development, and technology, the forum was a tremendous success. It is clear the aerospace industry has not slowed down innovation, connection, and technical exchange as we emerge from the pandemic. We are grateful for so much support from AIAA members, sponsors, exhibitors, and Corporate Members.

We are excited to share with you the many dimensions of the forum in this recap. The numbers are impressive, yet the quotes from attendees, the pictures and videos of presentations and personal interactions, and the comments on social media illustrate the incredible impact of the forum experience.

Together, we broke forum records: **5,800** attendees representing **50** countries, **62** Corporate Members, **71** exhibitors, **780** technical sessions including **2,700+** technical presentations, and **29** companies and **400** job seekers at Meet the Employers.

Throughout the week, we heard important perspectives from across the generations working within the aerospace industry, along with related industries, focused on the daily key themes:

- > solving societal grand challenges,
- > investing in the future,
- > enabling progress through science and engineering,
- > accelerating confidence in this digital world, and
- > making Sci-Fi a reality.

The leadership of the AIAA SciTech Forum was visionary. Many thanks go to the members of the Guiding Coalition, the Forum Technical Chairs, and the Technical Discipline Chairs. This group of hardworking AIAA volunteers are the force behind curating the exciting and thought-provoking content we enjoyed all week. We especially appreciate the guidance from our AIAA Aerospace R&D Domain Lead and SciTech Executive Producer, Scott Fouse.

The technical program is one feature that sets an AIAA forum apart from other events in the industry. We delivered a deeper look at current research and technologies geared to solve specific problems with the largest technical program ever offered.

Several organizations looked to the forum as their place to make news. We were honored to host NASA Administrator Bill Nelson, along with NASA Deputy Administrator Pam Melroy and DARPA Director Stefanie Tompkins to announce their partnership on the Demonstration Rocket for Agile Cislunar Operations from the forum stage.

We also celebrated ingenuity, collaboration, and diversity with multiple AIAA member recognition activities. We welcomed the Class of 2023 AIAA Associate Fellows, we presented awards of excellence to 14 individuals, we recognized student paper winners, and we heard three Premier Lectures.

Your support of 2023 AIAA SciTech Forum helped ensure our community advanced the science, technologies, and policies that are shaping our industry's future. You helped our community continue fueling the collective human drive to explore, create, and be a part of something bigger than ourselves.

Thank you for bringing the forum theme to life to "Ignite the Future!"



Dan Dumbacher
Executive Director
American Institute of Aeronautics and Astronautics

"I had an incredible experience at the 2023 AIAA SciTech Forum. The HUB was a truly brilliant idea! We enjoyed showcasing our technology and education innovation with our Caltech students and collaborators at JPL, and having stimulating discussions with many attendees."

SOON-JO CHUNG, Bren Professor of Control and Dynamical Systems, JPL Senior Research Scientist, Caltech "I think the program's been really cool. It's been really nice to have opportunities to meet with folks in the young professional's group."

MAIA GATLIN, Georgia Tech Student and Diversity Scholar

"At a conference like SciTech you can meet and work with people who are just starting their career and people who have 50 years of experience in the business. There's just no other forum in which you get that dynamic range of experience and interests, and all high enthusiasm!"

JOHN LANGFORD, Founder and CEO, electra.aero

"It's days of jam-packed networking, personal growth, professional growth. I met a lot of people—made a lot of connections that I've personally never thought I would have accessible to me."

MADELINE ROSSMAN, University of Maryland - College Park Student and Diversity Scholar

"Being able to carve out time and engage one-on-one for me has been the most energizing and exciting part of this week."

ERIC RUGGIERO, Engineering Executive, GE Aerospace

"Overall I had an excellent experience. I'm still very early in my career, but the conference experience has inspired me to write more often."

(unattributed, from survey)

"I've been a member of AIAA for over 30 years since I was in school pursuing my degree at Stanford. It's a precious gem to have in the world to have an organization like AIAA bringing together people who have a passion for space, to discuss with people who are like-minded where we need to go and share a vision and move it forward."

NELSON PEDREIRO, Vice President, Advanced Technology Center, Lockheed Martin



AUDIENCE COMPOSITION

5,857

ATTENDEES



37%

Nonmember Audience



33%

Student Attendees



50

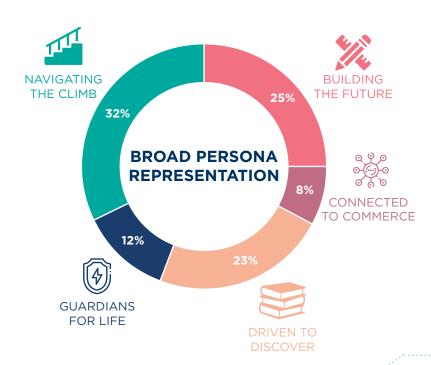
Countries







AUDIENCE DEMOGRAPHICS



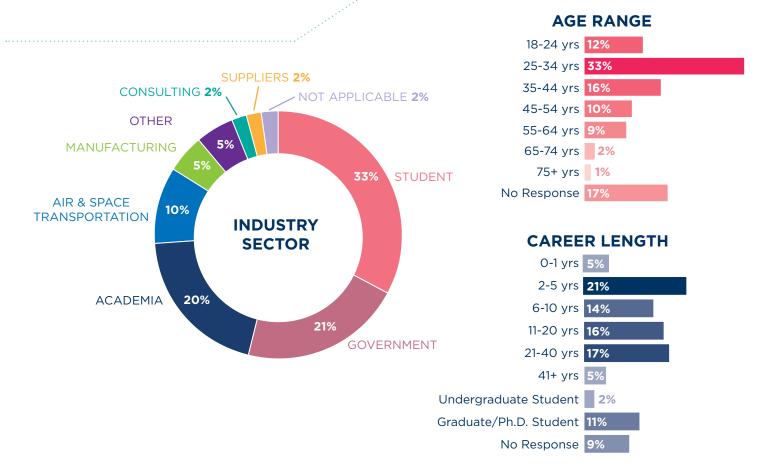
BUILDING THE FUTURE: Interested in tools and technology and eager to gain hands-on experience to solve problems or enhance career.

CONNECTED TO COMMERCE: Building strategic partnerships and connecting with fellow business people and policy leaders; selling a product or service with significant impact on the aerospace economy.

DRIVEN TO DISCOVER: Lifelong learner and teacher; exploring the intersection of science and technology and developing the next big ideas in aerospace.

GUARDIANS FOR LIFE: Years of experience building aerospace programs that impact society, committed to investing in meaningful change.

NAVIGATING THE CLIMB: Long, ambitious career ahead, looking for a breadth of ideas, connections, and experiences that will launch to the next level.





TECHNICAL PROGRAM



783

Technical Sessions



2,707Papers Published



7,078

Published Authors

















MEDIA OUTREACH



39

Credentialed Reporters



Article Mentions



109 210.4M \$55.5K

Potential Reach



Publicity value











MEDIA COVERAGE



AEROSPACE























FULL THROTTLE











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THE WALL STREET JOURNAL.



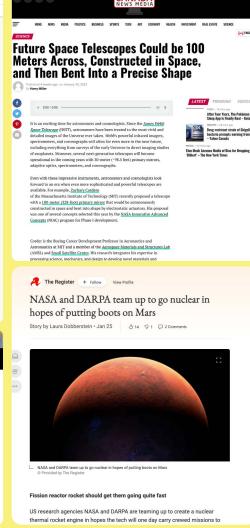


WASHINGTON — NASA officials met last week to review its overall exploration architecture, although it was unclear exactly what they agreed to and when they will make it public. Agency leaders met at the Kennedy Space Center for what NASA calls the Architecture Concept Review, a meeting linked to the development of 63 objectives for its lunar and Mars exploration plans released in September.

Electra.aero announces \$85M in new funding, much of it prompted by U.S. Air Force award

BY PAUL BRINKMANN | JANUARY 26, 2023

Company plans to fly demonstrator and full-scale prototype of its hybrid-electric airplane







DIGITAL ENGAGEMENT



9,640



Tweets to #aiaaSciTech



+1,133

Overall Audience Growth



15,994

Page Views



38,270

Video Views



waa.engin.umich.edu • 1 min read **C@O** 118

Carson Slabaugh

We had a great week sharing our work at the @aiaa scitech meeting! Our group presented papers on topics ranging from detonations to rockets to scramjets. Great to be back in-person this year.



11:44 AM · Jan 27, 2023 · 1,166 Views



It was my honor to lead the largest Women of Aeronautics & Astronautics committee meeting at AIAA #SciTech2023. Looking forward to next year's meeting with more pioneering and growing women and marginalized gender leaders of the #aerospaceindustry.

Women of Aeronautics & Astronautics

Our largest-ever committee meeting at AIAA #SciTech2023 was a huge success! About 50 attendees from all across our seven local chapters and from different AIAA communities, ranging from undergraduate students to professors and professionals, came together to discuss WoAA's initiatives and to network with each other. Looking forward to next year's committee meeting with even more of our community presence!

#aiaascitech #aerospace #aerospaceengineering #diversityandinclusion #womeninaerospace #womeninaviation #womeninstem #alaascitech #womeninengineering #networking #network #mentorship #outreach #community



CC You and 73 others







DoD HPC Modernization Program

Kudos to these 2Lts and 2022 @AFAcademy grads, whose research won a best student paper prize at @AIAA #SciTech2023! Their work, which offers a new technique for predicting dynamic flight characteristics, used HPCMP's HPCs and CREATE-AV Kestrel. Read More:



Congratulations to 2nd Lieutenants Molly Ellinger and Jacob Szymanski of the United States Air Force, whose HPCMP-facilitated research won a Best Paper

8:43 AM · Jan 27, 2023 · 613 Views



9:53 AM · Jan 27, 2023 · 10.7K Views



ORGANIZERS & VOLUNTEERS

GUIDING COALITION



Scott Fouse
AIAA Aerospace
R&D Domain Lead,
AIAA SciTech Forum
Executive Producer



Geoff Butler General Atomics Aeronautical Systems



Michael Cawood Lockheed Martin Corporation (ret.)



Taylor Fazzini Northrop Grumman Aeronautics Systems



Steve FrickLockheed Martin Space
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Sam Magill NASA Langley Research Center



Michele Miller Ball Aerospace



Charles NortonNASA Jet Propulsion
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Masami Onoda JAXA



Pradeep Raj Virginia Tech



Robert Rose Reliable Robotics



Chris RouwBall Aerospace



Marilee Wheaton
The Aerospace
Corporation



Karen Willcox University of Texas at Austin



John Wojno GE Aviation

FORUM TECHNICAL CHAIRS

Mary Roybal, Raytheon Missiles and Defense (Aerospace Design and Structures Group)

Gary Seidel, Virginia Tech (Deputy Chair, Aerospace Design and Structures Group)

Cliff Brown, NASA Glenn Research Center (Aerospace Sciences Group)

Mrinal Kumar, Ohio State University (Deputy Chair, Aerospace Sciences Group)

Michael Rubin, Red Canyon Software (Intelligent Systems Group)

Cetin Kris, NASA Ames Research Center (Integration and Outreach Division)

Matthew Harvazinski, Air Force Research Laboratory (Propulsion and Energy Group)

Brent Rankin, Air Force Research Laboratory (Deputy Chair, Propulsion and Energy Group)



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SPONSORS















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Employees from 62 Corporate Member and Partner companies participated



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ADDITEC

ADS CFD Inc

Aerospace Research Central (ARC)

Aerospace Village

Ahmic Aerospace LLC

AIAA Career Center

AIAA Mid-Atlantic Section

ALTAIR

Ansys

Aurora Flight Sciences, A Boeing Company

BETA CAE Systems USA, Inc.

Blue Origin

♦ The Boeing Company

Cadence

California Institute of Technology

Calspan

Cambridge University Press

Collier Aerospace - HyperX

Continuum Dynamics, Inc.

Convergent Science

Dantec Dynamics, Inc.

DEWESoft LLC

DSPACE

Electra.aero

Ennova Technologies Inc.

ESTECO SpA

Flexcompute

Force Measurement Systems Inc.

GE Aviation

GE Research

General Atomics Aeronautical Systems, Inc.

George Mason University

Gulfstream

Hadland Imaging

Hexagon

IC2 (Interdisciplinary Consulting Corp)

Intelligent Light

Jet Propulsion Laboratory

KBR

Kulite Semiconductor Products, Inc.

LaVision, Inc.

Lithoz America, LLC

♦ Lockheed Martin Corporation

Metacomp Technologies

Mirabilis Design Inc.

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NASA

National Academies of Sciences, Engineering, and

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Tri Models Incorporated

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Aerospace Engineering & GLMartin Wind Tunnel @ University of Maryland

Virginia Tech

VirtusAero, LLC



Companies in bold type are AIAA Corporate Members. Companies with a star and bold type are AIAA Corporate Partners.

95%

of 2024 exhibits were sold during 2023. Only 13 booths remain on the 2024 floor plan. New options are under development. 7

companies increased their booth size for 2024

2 NEW

companies contracted on site for their first time ever participation in 2024





Sponsored by:

















SEE YOU IN 2024!

Interested in sponsoring or exhibiting at the 2024 AIAA SciTech Forum or becoming a Corporate Member? Reach out to our team!

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aiaa.org/scitech

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