

SCITECH 
6-10 JANUARY 2025
ORLANDO, FL

ENERGIZE THE FUTURE

EVENT RECAP

EXECUTIVE SPONSORS

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 **GE Aerospace**

**NORTHROP
GRUMMAN** 

 **RTX**

COLLINS AEROSPACE | PRATT & WHITNEY | RAYTHEON



See the best photos from the forum in our Flickr Album.

 **AIAA**

#AIAASciTech | @aiaaerospace | aiaa.org/SciTech

THANK YOU FROM AIAA

As the world's largest event for aerospace research, development, and technology, the 2025 AIAA SciTech Forum set the pace of innovation and connection. I could not imagine a more exciting way to kick off the new year than attending my first AIAA SciTech Forum and to do so as the CEO of the Institute.

The 2025 AIAA SciTech Forum brought together a record number of the best engineering minds from industry, academia, and government who energized the future together: **6,127 attendees** (including **2,089 students**), **104 exhibitors** in the largest Expo Hall at an AIAA event, **2,861 technical presentations**, and **73% of our Corporate Members**.

Our deep technical program is one aspect that sets an AIAA forum apart from other industry events. The hundreds of technical sessions focused on science and technology breakthroughs are the building blocks our community uses to revolutionize society and improve life on Earth for everyone. The quality of the conversations on the main stage—from Mars rovers to supercomputing to artificial intelligence—remain with me still.

We celebrated excellence by inducting our new **Class of 2025 AIAA Associate Fellows** and presenting **61 technical excellence and best paper awards**. The **2025 AIAA Dryden Lecture in Research** on clean aviation energy and the **2025 AIAA Durand Lecture in Public Service** on hypersonics were particular highlights.

Special thanks to the AIAA members who volunteered to serve on the Guiding Coalition and Technical Program Committee. Your leadership was visionary. And thanks to the scores of other AIAA members you led who are the driving force behind curating the thought-provoking content we enjoyed.

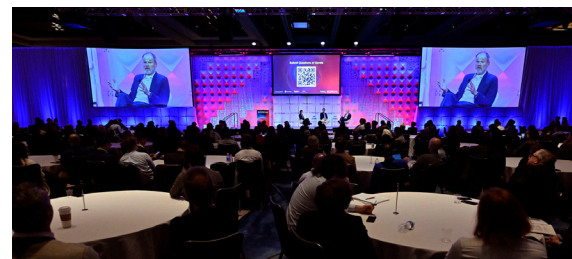
Thank you to the organizations who generously sponsored the forum this year. Your contributions enable us to provide this invaluable opportunity for deep knowledge transfer, impressive technology advancement, and countless personal exchanges.

To the AIAA community—your attendance and engagement helps ensure our community accelerates the science, engineering, technology, and policies that are shaping the future. Your contributions are moving us forward to making an indelible impact this year.

Looking forward to building on this momentum,

Clay Mowry
AIAA CEO

P.S. All technical papers are available in [Aerospace Research Central](#) to support your ongoing work.



“The conference was a fantastic opportunity to share our latest research, network with fellow experts, and gain insights into cutting-edge advancements in the field of aerospace. Each of the presentations sparked engaging discussions, with valuable feedback that will undoubtedly shape our future work.”

UNI STUTTGART, iFR

“I had a wonderful time meeting with experienced professionals in the field of aeroservoelasticity. The Expo Hall was particularly informative and fun, and overall, the forum gave me international exposure that I will cherish forever. Looking forward to the next one.”

UNATTRIBUTED FROM SURVEY

“Through this conference, I got to attend paper presentations from top universities and innovative companies and learn about new technologies and processes that will revolutionize the aerospace and astronautics landscape. I learned about new technologies such as space taxis, foldable boom arms for space, printing with titanium, new turbine technology, and much more!”

YASH TATE, Student, University of Texas at Austin

“The event was a great opportunity to meet and exchange with the community and to make new contacts.”

GERMAN AEROSPACE CENTER, (DLR)

“It was truly inspiring to be surrounded by leading professionals who share the same passion for aerospace innovation. The forum offered a wealth of knowledge, from groundbreaking advancements in technology to insightful discussions on the future of aerospace and sustainability.”

ISIL BOZAN, Student, University of California

“Attending AIAA SciTech Forum has been a remarkable experience that strengthened my passion for aerospace engineering and optimization.”

FILIFE MAIA NUNES CELESTINO,
Mechanical Engineer

“The 2025 AIAA SciTech Forum was an exceptional opportunity to witness cutting-edge advancements in aerospace engineering and connect with a community of passionate professionals. The diversity of topics, high-quality presentations, and engaging discussions exceeded my expectations. I left inspired and equipped with valuable insights to apply to my work.”

UNATTRIBUTED FROM SURVEY

“It was an extraordinary week, full of engagement, enrichment, and professional collaboration! As I develop my research further, I am ecstatic to present my paper next year!”

UNATTRIBUTED FROM SURVEY

A CLOSER LOOK AT THE NUMBERS

The 2025 AIAA SciTech Forum captivated attendees by highlighting the incredible potential of the aerospace industry. Over the course of the week, **6,127** participants gathered to spark innovation, build connections, and dive into impactful technical discussions.



6,127

Attendees **(The Most Ever)**



48

Countries Represented



17.5%

International Attendees

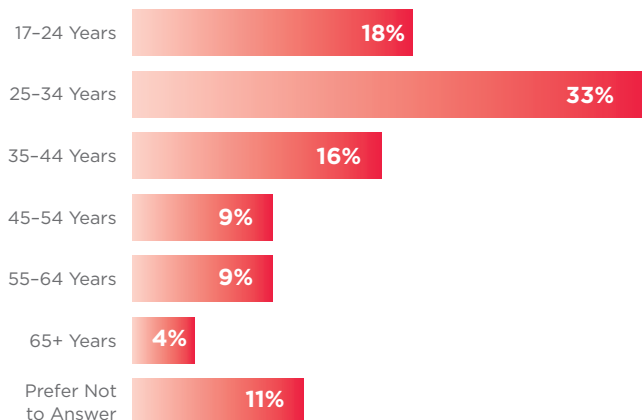
Organizations with the Largest Representation

- > Air Force Research Laboratory
- > GE Aerospace
- > Lockheed Martin
- > NASA
- > Northrop Grumman
- > RTX

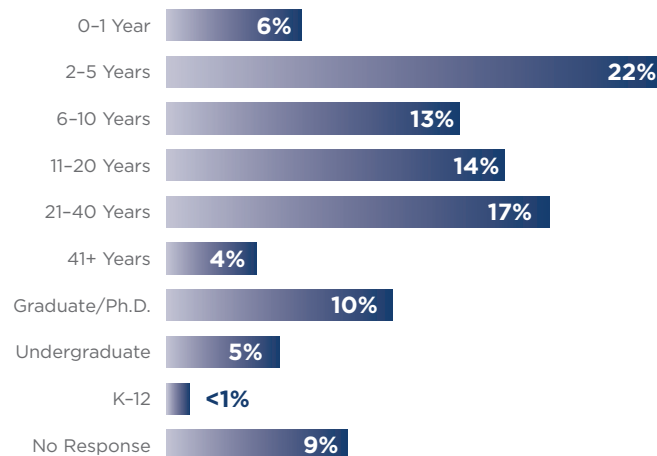
Colleges and Universities with the Largest Representation

- > Embry-Riddle Aeronautical University
- > Georgia Institute of Technology
- > Purdue University
- > Texas A&M University
- > University of Central Florida
- > University of Michigan, Ann Arbor

Age Range



Career Length



AN EXTENSIVE TECHNICAL PROGRAM

Attendees left the 2025 forum enriched with valuable insights and new ideas, ready to enhance their professional projects, advance research frontiers, and achieve new milestones in their careers.

MOST POPULAR TOPICS

- > Aerodynamic Measurement Technology
- > Applied Aerodynamics
- > Atmospheric Flight Mechanics
- > Fluid Dynamics
- > Guidance, Navigation, and Control
- > Intelligent Systems
- > Pressure Gain Combustion
- > Propellants and Combustion
- > Structures
- > Thermophysics



7,739

Published Authors



2,861
Technical Presentations

628
Technical Paper Sessions

98
Technical Panels

31
Technical Lectures

12
Technical Workshops

65
Technical Topics Covered



2026 WHAT TO EXPECT NEXT YEAR

The 2026 AIAA SciTech Forum will feature programming across a wide breadth of technical topics. Attendees can expect a range of sessions, including those on spaceflight mechanics, microgravity and space processes, and sustainability.



EXPO HALL—THE LARGEST EVER AT AIAA SCITECH FORUM

The Expo Hall exceeded all expectations with an impressive lineup of **104** exhibitors. Attendees explored cutting-edge technologies, discovered groundbreaking projects, and learned about exciting recruitment opportunities. Meanwhile, exhibitors engaged directly with customers, built strategic partnerships, and showcased their invaluable contributions to the aerospace community.



13

Sponsors



104

Exhibitors



13,000

Square Feet of Expo
Hall Space



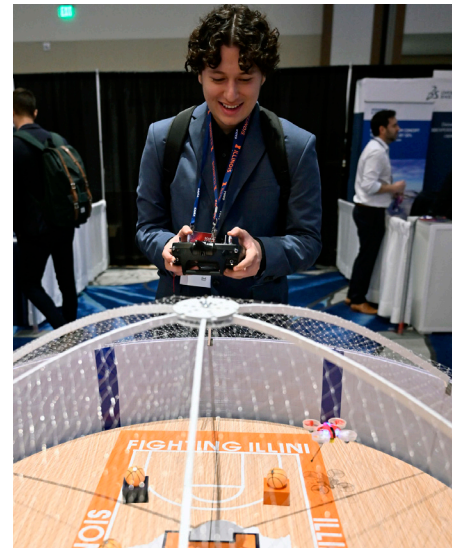
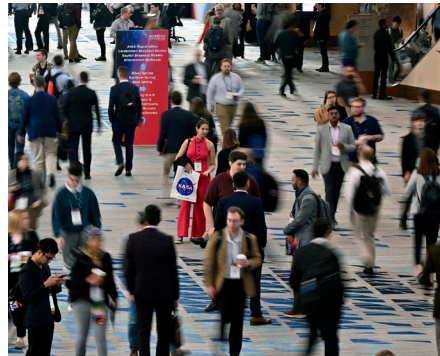
28.4%

Increase In Exhibitors
From 2024



17.3%

Increase In Square Feet of
Expo Hall Space From 2024



2026

WHAT TO EXPECT NEXT YEAR

To accommodate more innovative organizations and groundbreaking technologies, the Institute is adding **9** more booths to the Expo Hall at the 2026 AIAA SciTech Forum. As we continue to expand opportunities for exhibitors, strategically placed display kiosks in new, high-traffic areas will also be available, providing easy access to over **6,100** professionals and students.



Check out the 2026 floor plan

FORUM EXHIBITORS

- › ADS CFD
- › Advanced Test Equipment Rentals
- › Air Commando Outreach Squadron
- › ALTAIR
- › Anduril Industries
- › Ansys
- › Arnold Engineering Development Complex
- › Barrios
- › BETA CAE Systems USA Inc
- › BQP
- › Cadence
- › Calspan Corporation
- › Caltech CTME
- › Cambridge University Press
- › Carnegie Mellon University Software Engineering Institute
- › Catamount Machine Works
- › Celedon Solutions Inc.
- › CFturbo, Inc.
- › Cirrus Aircraft
- › Click Bond
- › Collier Aerospace—HyperX
- › Colorado School of Mines—Department of Mechanical Engineering
- › Continuum Dynamics
- › Convergent Science
- › Cornell University—Sibley School of Mechanical and Aerospace Engineering
- › CUBRC
- › Dantec Dynamics, Inc.
- › Dassault Systemes
- › Delft University of Technology
- › Department of Aerospace Engineering, Iowa State University
- › Dewesoft LLC
- › dSPACE Inc.
- › Embry-Riddle Aeronautical University
- › Enduralock
- › Ennova Technologies, Inc.
- › ESTECO
- › EURO-COMPOSITES Corporation
- › FAMU-FSU College of Engineering
- › Flexcompute
- › Florida Institute of Technology
- › Force Measurement Systems
- › GE Aerospace
- › GE Aerospace Research
- › General Atomics Aeronautical Systems, Inc.
- › GridPro
- › Gulfstream Aerospace
- › Hadland Imaging
- › Hexagon
- › HITEC Sensors
- › IC2
- › InssTek
- › Jet Propulsion Laboratory
- › JKI
- › JuliaHub
- › Kulite Semiconductor Products, Inc.

FORUM EXHIBITORS CONT.

- › LaVision, Inc.
- › Lithoz America LLC
- › Lockheed Martin
- › Los Alamos National Laboratory
- › Luminary Cloud
- › M4 Engineering, Inc.
- › MatchID US Inc.
- › MathWorks
- › Metacomp Technologies, Inc.
- › NASA
- › National Academies of Sciences, Engineering, and Medicine
- › National Reconnaissance Office (NRO)
- › National Research Council Canada
- › NDTL Propulsion and Power
- › Nominal
- › North Wind
- › Northrop Grumman
- › Office of Naval Research
- › Overleaf
- › PACE Aerospace & IT
- › PCB Piezotronics
- › Precision Filters, Inc.
- › Rolls-Royce
- › RTX
- › SIAM
- › Siemens Industry Software
- › Specialised Imaging, Inc.
- › Tecplot Inc.
- › Tekna
- › Telops
- › Texas A&M Turbomachinery Laboratory
- › TOPTICA Photonics
- › Tri Models Inc.
- › University of Central Florida
- › University of Dayton
- › University of Florida Mechanical & Aerospace Engineering Department & Astraeus Space Institute
- › University of Illinois Urbana Champaign
- › University of Maryland—Dept of Aerospace Engineering
- › University of Texas at Austin
- › Utah State University
- › Vectoflow Inc.
- › Virginia Tech Kevin T. Crofton Department of Aerospace and Ocean Engineering
- › VirtusAero LLC
- › Volcano Platforms Inc
- › WAVETRUS
- › Western Michigan University
- › ZEISS Industrial Quality Solutions
- › Zero Hour Products
- › Zulu Pods

THE HUB— WHERE GREAT MINDS GATHER

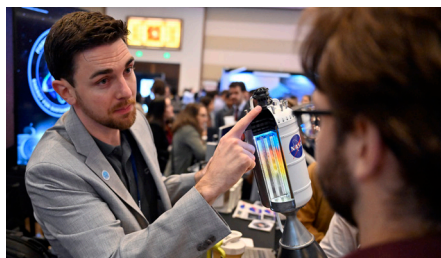
Positioned at the heart of the Expo Hall, the HUB became a dynamic focal point, drawing hundreds of curious attendees throughout the week. This vibrant space buzzed with energy as leading organizations took the stage to deliver **16** engaging presentations.

WHAT TO EXPECT NEXT YEAR

Returning to the 2026 forum, the HUB is where you can present a topic of your choosing to hundreds of attendees in the heart of the Expo Hall. Whether you are demonstrating a new technology or hosting a panel, the HUB provides the opportunity to position your organization as an industry leader. To maximize impact, we recommend pairing an exhibit booth or display kiosk with a HUB presentation.

The ZONE, our exclusive lounge for Corporate Members, Exhibitors, and Sponsors, was a standout feature of the 2025 forum—and it's making a highly anticipated return for 2026. This vibrant space offers the perfect environment for:

- › Recharging while immersing yourself in the energy of AIAA SciTech Forum.
- › Engaging in insightful conversations with our knowledgeable AIAA representatives.
- › Taking important calls or simply relaxing in a comfortable and welcoming setting.

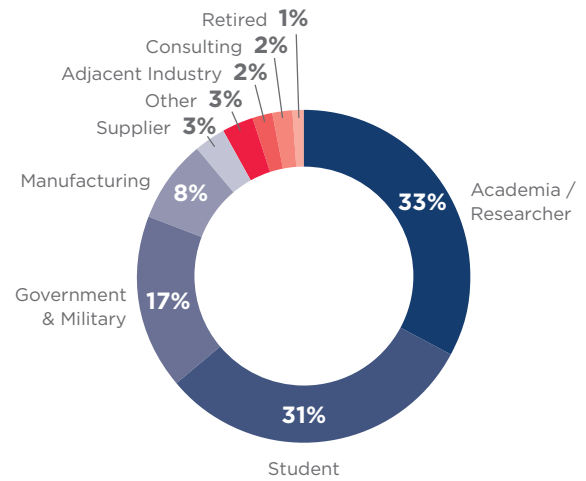


BUSINESS DEVELOPMENT OPPORTUNITIES

Rooted in the strength of the AIAA technical community, AIAA SciTech Forum attracts key leaders and decision makers from organizations like DARPA, DoD, FAA, JPL, NASA, U.S. military branches, and international agencies. They come to forge connections, explore cutting-edge innovations, and advance the future of aerospace.



Industry



U.S. Government Agencies with the Largest Representation

- > Federal Aviation Administration
- > JPL/NASA
- > U.S. Air Force
- > U.S. Army
- > U.S. Department of Defense
- > U.S. Navy
- > U.S. Space Force



Check out the full list of U.S. government organizations represented at the forum.

THE NEXT GENERATION AT AIAA SCITECH FORUM

Each year, top students and emerging young professionals from around the world attend AIAA SciTech Forum. They are not just attending—many are at the forum presenting their research to the global aerospace community and becoming published authors. These individuals also attend to connect with potential employers, sharpen their networking skills, and stay up to date on industry trends and technologies. Their involvement not only enriches their own professional development but also brings fresh perspectives to the industry.

The enthusiasm that the next generation brought to the forum was on full display at Meet the Employers, a dynamic, speed-networking event where **393** young professionals engaged with **19** Corporate Members.



2,089

Students



883

Young Professionals

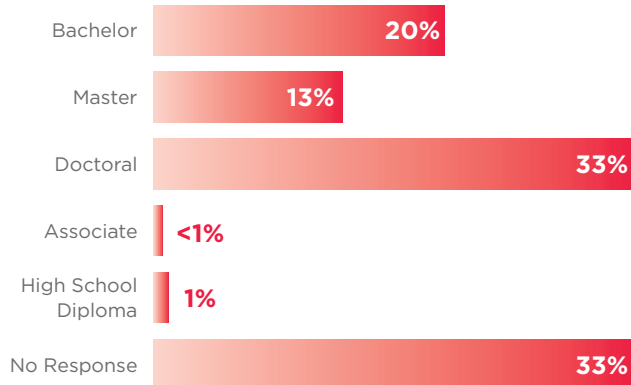


394

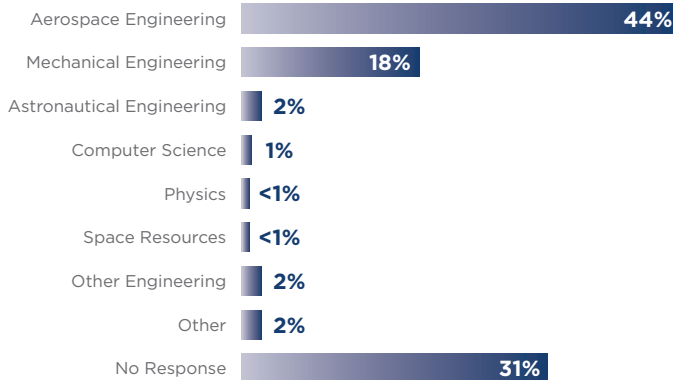
Attended
Meet the Employers



Degree Type



Degree Area



2026

WHAT TO EXPECT NEXT YEAR

As an AIAA Corporate Member, your organization can connect with top aerospace talent and play a key role in shaping the industry's future at Meet the Employers, an exclusive networking event that brings job seekers and recruiters together at the 2026 AIAA SciTech Forum. Following the event, Corporate Members receive a registration report with demographic information on hundreds of attendees.

EARNED MEDIA IMPACT

Over five days, AIAA SciTech Forum hosted **17** credentialed reporters representing some of the most prominent outlets in aerospace news.



17

Credentialed Media
and Influencers



42

Article
Mentions



22.6M

Potential
Reach

TOP INDUSTRY NEWS ARTICLES

[Advanced air mobility founders show trust in their technology](#), Paul Brinkmann, *Aerospace America*, 6 January 2025

[U.S. Air Force electrified aircraft program gets help from Congress on tech transition goal](#), Paul Brinkmann, *Aerospace America*, 9 January 2025

[Bringing home a piece of space history](#), Cat Hofacker, *Aerospace America*, 10 January 2025

[Podcast: AIAA's SciTech Forum Teases Hydrogen Cycles and Gulled Wings](#), Graham Warwick and Guy Norris, *Aviation Week*, 17 January 2025

[Pratt & Whitney Unveils Details Of Hydrogen-Steam Hybrid Engine Cycle](#), Guy Norris, *Aviation Week*, 24 January 2025

[Expanding your horizons at new industry events](#), Scott Francis, *CompositesWorld*, 4 February 2025

AIAA NEWS FROM SCITECH

[Tackling the Big Questions](#), 7 January 2025

[Hypersonics Chief Details Journey of Building the World's Most Speed-Defying Aircraft](#), 7 January 2025

[NASA Calls for Continuous American 'Heartbeat' in LEO](#), 8 January 2025

[AFRL Digital Transformation Champion Urges People to Embrace, Not Fear AI](#), 8 January 2025

[USAF Science & Technology Chief: New Urgency to Embrace Digital Transformation to Strengthen the Force's Resiliency and Ability to Compete Against Near-Peer Rivals](#), 8 January 2025

[ORNL: Troubleshooting Turbulence—the Next 'Killer App' for Exascale Supercomputing?](#), 9 January 2025

[The Next Generation of Spacesuits Being Designed Digitally](#), 9 January 2025

[Sustainable Aviation Fuels and Advanced Propulsion Tech Will Help Industry Achieve Net Zero Goals by 2050](#), 10 January 2025

[Celebrating Diverse Voices in Aerospace at AIAA SciTech Forum](#), 10 January 2025

[The 'Golden Age' of AI and Autonomy](#), 13 January 2025

DIGITAL ENGAGEMENT

The Institute implemented a dynamic social media strategy, showcasing diverse content aligned with the forum's key themes. Through speaker interviews, highlights of cutting-edge technologies, and exclusive behind-the-scenes glimpses of AIAA SciTech Forum, we sparked curiosity, attracted new followers, and boosted community engagement.



340K

Overall Impressions



20K

Overall Engagements



1.3K

Audience Growth

MOST POPULAR VIDEO CONTENT

Videos from AIAA SciTech Forum resonated with our audience. We shattered the number of video views we received from the 2024 forum, especially by collaborating on multiple styles of compelling video content with our partners, speakers, sponsors, and exhibitors.



200K

Video Views

(146.7K IN 2024)



3.4K

Mentions and Tags



WHAT TO EXPECT NEXT YEAR

2026


Sponsored content opportunities will be available at the 2026 AIAA SciTech Forum. If you have a creative idea that you'd like to bring to life at the forum, contact us today to explore available options and make your vision a reality.

NOTABLE ENGAGEMENTS FROM SPEAKERS, SPONSORS, AND EXHIBITORS

Speakers, sponsors, and exhibitors posted real-time moments during the 2025 AIAA SciTech Forum to connect with their followers and tagged AIAA accounts to enhance our collective impact on our audiences.

Click Bond
4,741 followers
3w · Edited · 🌐


Our Meet the Employer event last yesterday at **AIAA #SciTech** was fantastic! What a joy to inspire future **#engineers** and share the passion we have for our work!
Be sure to explore all our career opportunities at <https://zurlo.co/OCQBq>
#AIAASciTech
#careers



You and 29 others
6 reposts


Adishesha CS · 3rd+
Director - Technology & Innovation | Senior Technical Fellow - Systems, Coll...
4d · Edited · 🌐

I am delighted to have been selected as an "AIAA Associate Fellow" to the Class of 2025! The induction ceremony took place during a fantastic recognition event at the SciTech Forum in sunny Orlando, Florida.
<https://lnkd.in.g/SJ4Kyya>
This incredible honor showcases not only my journey but also highlights the exciting opportunities I've had to contribute to innovative research at **RTX, Collins Aerospace**. I genuinely appreciate the unwavering support and guidance from my inspiring leaders and mentors, as well as the collaborative spirit of my amazing colleagues within the organization and beyond.
#Gratitude AIAA, Savyasachi Srinivas, Stephane Dion, Mauro J Atalla, @Prof S. Gopalakrishnan G. Jagadeesh, Radhakant Padhi, Dr. Vinayaka N #Innovation #Aerospace #CollinsAerospace #RTX #ISRO #DRDO #IISc



120 comments · 2 reposts

Antoni Perez-Poch @AntoniP145 · Jan 20
Happy to have participated as panelist in @AIAA #SciTech2025 in Orlando (USA). Lecturing on Microgravity #research and joining the Gravity Dependent #Science and Technology Technical Committee, meeting many colleagues & friends.



Welcome to **SCITECH** 6-10 JANUARY 2025

National Yang Ming Chiao Tung University
9,196 followers
1w · Edited · 🌐

🎉 Congratulations to Advanced Rocket Research Center! 🎉


Three Advanced Rocket Research Center (**Advanced Rocket Research Center**) members showcased their brilliance at the Capture the Satellite Challenge during the **AIAA #SciTech** Forum, earning an impressive third place! 🏆

Out of 34 participating teams, ARRC stood out with a cutting-edge approach. Using Nonlinear Model Predictive Control (**#NMPC**), the team successfully maneuvered their agent satellite to capture a target **#satellite** while skillfully evading a guard satellite. 🚀

The challenge was powered by the Kerbal Space Program Differential Games (**#KSPDG**) open-source library developed by MIT Lincoln Laboratory. This is a testament to ARRC's innovation and expertise in advanced aerospace technology.

👏 Kudos to the team for their stellar performance!

#AIAASciTech #SatelliteChallenge #AerospaceEngineering




You and 71 others
4 comments · 3 reposts

Ossyris Bury · 1st
Aerospace Engineering @ University of Central Florida | 2025 AIAA Rising St...
1w · Edited · 🌐

I recently had the honor of attending the 2025 **AIAA SciTech** Conference as a Rising Star in Aerospace Scholar. I am grateful to be given the opportunity to attend this amazing conference for the second year in a row.

Not only did I have the opportunity to connect with dozens of industry professionals, but I also had the privilege of getting to know the other 13 members of the Rising Stars in Aerospace Program. Learning through them that passion and resilience can overcome adversity. I want to extend a personal thank you to the AIAA Diversity Working Group and a special congratulations to the Structural Dynamics and Adaptive Structures laboratory's **Juan Ortega** for his first SciTech Presentation!

Autumn Pepper Rhodes, Leslie Nava, Omotolase Osisanlu, Kassandra Renee Rodriguez, Zion Adeyemo, Courtney Baker, Serena Elijah, Andrian Sawa, Isai Álvarez, Brianna Ortiz, McKenzie Searcy



You and 104 others
9 comments · 2 reposts


PACE Aerospace & IT
7,609 followers
3w · Edited · 🌐

We just wrapped up an inspiring time at **AIAA #SciTech2025!**

Thank you to everyone who stopped by to learn more about **Desmo** (formerly **APD & SysArc**).

By delivering a truly multidisciplinary approach, Desmo enables engineers to evaluate how various systems interact within the **#aircraft**, helping them optimize performance, sustainability, and safety from the very start.

Contact us here to know more: <https://lnkd.in/d-A3Ccab>



with Mathias Emeneth and 2 others
You and 86 others
4 comments · 5 reposts

Iain Boyd · 2nd
Director, Center for National Security Initiatives; and Professor of Aerospace ...
3w · Edited · 🌐

AIAA SCITECH Best Paper Award

I was thrilled to receive the 2024 AIAA International Space Planes and Hypersonic Systems and Technologies Conference Best Paper Award from my long-time colleague **Daniel Hastings**. Of course all the hard technical work was done by my tremendously talented grad student, Jenny Horing.



You and 264 others
31 comments · 4 reposts

NASA Aeronautics
@NASAaero

We're at **#AIAASciTech** this week discussing:

- 🚀 Quiet Supersonic Flight Over Land
- 🌱 Sustainable Aviation
- 🛩️ Advanced Air Mobility
- 🚀 A Transformed Airspace

Engage with us by attending a talk & stop by our exhibit (booth #301) to say hi 🙋



9:00 AM · Jan 7, 2025 · 1,904 Views

CORPORATE PARTNERS AND SPONSORS

We extend our gratitude to the following organizations for their support of the Institute as AIAA Corporate Partners.

AIAA CORPORATE PARTNERS



AIAA would also like to thank the following organizations for their support of the 2025 AIAA SciTech Forum.

EXECUTIVE SPONSORS



COLLINS AEROSPACE | PRATT & WHITNEY | RAYTHEON

SPONSORS



SEE YOU NEXT YEAR

SCITECH  FORUM

12-16 JANUARY 2026

ORLANDO, FL

*INTERESTED IN SPONSORING, EXHIBITING, OR
ADVERTISING AT THE 2026 AIAA SCITECH FORUM?
CONTACT OUR TEAM!*

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CALL FOR PAPERS OPENS MARCH 2025

ABSTRACTS DUE MAY 2025