AIAA Establishes Aerospace Artificial Intelligence Advisory Group (2024 January 10)

AIAA Statement on the Axiom Space AX-3 Launch (2024 January 18)

Cover Page Description and Artwork Contributor

Chiricahua Astronomy Complex (by Dr. David H. Levy)

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AIAA Establishes Aerospace Artificial Intelligence Advisory Group

(Written 10 January 2024)

January 10, 2024 – Orlando, Fla. – The American Institute of Aeronautics and Astronautics (AIAA) announced today during 2024 AIAA SciTech Forum it has formed the AIAA Aerospace Artificial Intelligence (AI) Advisory Group to advance the appropriate use of AI technology particularly in aeronautics, aerospace R&D, and space.

The group will 1) ensure AIAA understands the scope and impact of its AI efforts across industry, government, and academia; 2) ensure the Institute’s policies and procedures enable innovation while being rooted on firm ethical foundations; 3) inform the application and use of AI across AIAA while maintaining and advancing technical excellence in the aerospace field; and 4) hold paramount the success of AIAA members, their organizations, and the broader aerospace community when considering the application of AI to AIAA endeavors.

The inaugural advisory group members are respected thought leaders, experienced executives, and prominent academicians in the aerospace community:

- John-Paul Clarke, Professor and Ernest Cockrell Jr. Memorial Chair in Engineering, University of Texas at Austin
- Lt. Gen. Larry D. James, USAF (Ret.), Deputy Director, NASA Jet Propulsion Laboratory
- Patrick Lin, Director, Ethics + Emerging Sciences Group, California Polytechnic State University – San Luis Obispo
- Jacqueline O’Connor, Professor, College of Engineering, Pennsylvania State University; AIAA Publications Committee Chair
- Julie Shah, H.N. Slater Professor of Aeronautics and Astronautics, Massachusetts Institute of Technology

The group will focus on key challenges around the appropriate use of AI in aerospace:

1. Integrating responsible AI approaches into the body of aerospace theory and practice.
2. Representing diverse viewpoints in the advancement of AI within aerospace, including developing appropriate AIAA responses and accommodations to relevant external AI policy and industry practices and standards.
3. Integrating aerospace workforce and AI competency considerations into aerospace education and professional development processes.
4. Applying AI ethically in aerospace publishing.

The group reports to the AIAA CEO and will make recommendations aligned with AIAA’s core mission of helping its members and their organizations succeed and AIAA’s vision of shaping the future of aerospace.

Find information about AIAA’s AI policies and guidelines at: aiaa.org/ai.

Disclaimer: The views of the speakers or authors do not represent the views of AIAA or the AIAA Los Angeles-Las Vegas Section. Advertising space is available in the AIAA Los Angeles-Las Vegas Newsletter: Business card, quarter page, half page, and full page, non-AIAA LA-LV 3rd-party business/issues. The newsletter has over 9,000 subscribers, and has been growing. To inquire about purchasing advertising or suggesting/providing articles, email Newsletter Editor at editor.aiaalalv@gmail.com, or editor-newsletter@aiaa-lalv.org.
AX-3 launch onboard a SpaceX Falcon 9 rocket from Kennedy Space Center at 4:49 p.m. EST on Thursday, January 18. | Spaceflight Now; YouTube framegrab

January 18, 2024 – Reston, Va. – The American Institute of Aeronautics and Astronautics (AIAA) CEO Dan Dumbacher made the following statement:

“On behalf of the 30,000 professional and student members of AIAA, we congratulate the entire Axiom Space team on its successful AX-3 launch onboard a SpaceX Falcon 9 rocket. We applaud this private mission to the International Space Station (ISS), showing how NASA and private industry are working together to extend the human neighborhood into low Earth orbit.

It is exciting to anticipate the AX-3 crew’s busy schedule onboard the ISS orbiting laboratory, conducting more than 30 scientific investigations into human health and well-being, radiation exposure, genetic expression, and Earth observations. This meaningful research in space is expanding our scientific knowledge as we witness the space economy growing. These explorers and innovators are working to improve life on Earth and accelerate our off-world future. We look forward to following their progress.

We recognize the countless aerospace industry professionals involved in making this mission a success. We salute AIAA Corporate Member Axiom Space, as they collaborate with NASA and SpaceX. They are shaping the future of aerospace.”

Video

AX-3 launch onboard a SpaceX Falcon 9 rocket from Kennedy Space Center at 4:49 p.m. EST on Thursday, January 18. [Spaceflight Now; YouTube https://www.youtube.com/watch?v=KH77tfuFClM]
COVER ILLUSTRATION:
F-35B VSTOL
Lockheed Martin
art work by: JAMES VAUGHAN
https://jamesvaughanphotoillus.com/
This month I have a story to tell. A few nights ago two close friends from Plattsburgh, Ed Guenther and Wendy Gordon, enjoyed a very pleasant wintertime visit with me. During that time another close friend, David Rossetter, drove us to the Chiricahua Astronomy Complex in southeastern Arizona. Although the weather was clear and cold when we left, dense clouds formed quickly and within a few minutes it began to rain heavily. There was thunder, lightning, and a giant tornado that lifted our car into the stratosphere and then gently set it down back on the highway. It was frightening and we thought the car was going to crash, but when it gently came back to the highway, we drove on.
By the time we arrived at our dark site, The sky was beautifully dark. The stars hung like baseballs from the sky. But it was so cold that our observing pad was covered with tons of ice. Yard-long icicles hung from our telescopes and from us. We needed and used cigarette lighters to free our frozen hands whenever they touched the eyepieces. I discovered 47 comets that night but forgot to report any of them. Ed disproved the theory of relativity by recalling how time always slows down when you are with your relatives. We finally needed to call 911 so that they could free our frozen forms and place them into makeshift crematoria. Three hours later they opened the doors of the crematoria and found all of us happy as clams to have warmed up as much as we did. We thank them, treated them to a giant banquet meal, and then headed home. There was a 95-piece symphony orchestra on hand, but since we were approximately 95 pieces short, we just sang an aria or two. (I think that line comes from Victor Borge.)

Dear readers, if you believe a word of what I just wrote, I have a bridge that I could sell you. It is true that I have two very dear friends named Ed and Wendy. It is also true that I have two other dear friends, David and Pam Rossetter. And David did drive us, plus telescopes, to the dark site and back. And now for a few corrections: Although it was cold that evening, we did enjoy a beautiful night of observing. Our first object was Jupiter, long my favorite planet. Although Comet Shoemaker-Levy 9 would make Jupiter an obvious choice for that, it is not why Jupiter is my favorite planet. On September 1, 1960, my parents and I looked through my first telescope, Echo. I wanted to look at the brightest thing in the sky that evening. It was hanging in the south. When I finally found it, I was looking at Jupiter. I saw the disk of the planet, his four bright moons, and darker bands across the disk. I have never forgotten that night, and that is why Jupiter is my favorite planet.

We then caught a good glimpse of Saturn’s exquisite rings. As I began a two hour visual comet search in the cold and lovely sky, the others enjoyed views of some lovely deep sky splendors. At last, I stumbled across Messier 15, that absolutely gorgeous globular cluster I now call Wendee’s cluster.

As we warmed up on our way home, we placed into our memories a sparkling night none of us will soon forget. We had a clear sky, star-filled views, beautiful deep sky objects, and enough sky treasures to gladden our hearts and minds. Despite my continuing deep sense of loss, the exquisite night sky always warms my soul.
AIAA LA-LV 1/27 Section Meeting
Saturday, January 27, 2024, 11 AM PST (Check-in) / 1 PM PST (Talk)

In the Line of Duty:
Michael Adams and the X-15

Ms. Michelle Evans
AIAA Distinguished Speaker
Writer, Photographer, and Communications Specialist in aerospace
(The speaker will present in person.)

Location
Norwalk Regional Library, in the Meeting Room
12350 Imperial Hwy
Norwalk, CA 90650
Google Maps: https://maps.app.goo.gl/41e8HHFPZd7EavSE6
(This event is not sponsored by the Norwalk Library)

(Tentative Agenda: (All Time PST (GMT -0800)) (US / Canada)
11:00 am: Check-in, Networking.
11:30 am: Documentary film "Research Project X-15" (25m)
12:00 pm Lunch for those who bring own’s lunch.
Networking. Book-signing
12:55 pm: Welcome and Introduction
01:00 pm: Presentations and Q&A
02:30 pm: Documentary film "The Rocket Pilots" (75 min),
commentary/further Q&A
04:00 pm: Adjourn. Networking,
05:00 pm: Leave meeting room by 5 pm.

Disclaimer: The views of the speakers do not represent the views of AIAA or the AIAA Los Angeles-Las Vegas Section.
Contact: General Contact: contact@aiaa-lalv.org, Events/Program events.aiaalalv@gmail.com

www.aiaa-lalv.org | www.aiaa-lasvegas.org
engage.aiaa.org/losangeles-lasvegas
Aerospace Cybersecurity: Protecting Critical Space and Aviation Infrastructure

Ms. Angelina Tsuboi
Software developer and an aerospace cybersecurity instructor focusing on satellite systems.

(The speaker will present in person.)
Upcoming AIAA / LA-LV Events

AIAA LA-LV Section Aero Alumni (Hybrid) February Meeting

(Date To Be Announced), **11 AM - 1 PM PST** (GMT -0800) (US and Canada)

*Aero Alumni (aerospace retirees) Meeting*

*Zoom on-line meeting and in-person as well.*

Our monthly Aero Alumni Zoom meeting is at 11 am PST (on-line and in-person) on (Date to be Announced). It will be a hybrid meeting. "Aero Alumni" are retirees from aerospace industries. All public are welcome to attend. Open to public with free admission. Please Contact [Mr. Gary Moir](mailto:gary.moir@ingenuir.com) (email address below) for your attendance, on-line or in-person.

**In-Person in:**

*Olive Garden Italian Restaurant*

23442 Hawthorne Boulevard, Torrance, CA 90505

*(This meeting is not sponsored by the Olive Garden Italian Restaurant.)*

*(South of Hwy 405/105, West of Hwy 110, North of PCH 1, and East of PCH 1) (Near Zamperini Field in Torrance (TOA))*

*(Lunch/Food order in the restaurant on-site will be required for in-person attendees.)*

**Online on Zoom:**

**Join Zoom Meeting:** [https://aiaa.zoom.us/j/88527521360?pwd=Do9LA1MIy4Kd21B1ccDDtLjv90i4z](https://aiaa.zoom.us/j/88527521360?pwd=Do9LA1MIy4Kd21B1ccDDtLjv90i4z)

**Meeting ID:** 885 2752 1360  
**Passcode:** 044234

One tap mobile

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Meeting ID: 885 2752 1360

Find your local number: [https://aiaa.zoom.us/u/kqFtWyAi8](https://aiaa.zoom.us/u/kqFtWyAi8)

**Please contact Mr. Gary Moir ([gary.moir@ingenuir.com](mailto:gary.moir@ingenuir.com))**
Upcoming AIAA / LA-LV Events

RSVP and Information: (To Be Announced)

AIAA LA-LV 2/24 Section mini-Conference Series

Saturday, February 24, 2024, 10 AM PST (US and Canada) (GMT -0800)

AIAA LA-LV Section University Student Branches mini-Conference 2024

AIAA California State University, Long Beach (CSULB) Branch,
AIAA University of California, Los Angeles (UCLA) Branch,
AIAA University of Nevada, Las Vegas (UNLV) Branch,
AIAA University of Southern California (USC) Branch,
AIAA Los Angeles - Las Vegas Section

(More To Be Announced)

Physical Location (Tentative, Subject to change)
Angelo M. Iacoboni Library (Meeting Room)
4990 Clark Ave., Lakewood, CA 90712

South of 105/91 Hwy, North of 405 Hwy, East of 710 Hwy, and West of 605 Hwy.

(Near Cal State Univ Long Beach and Long Beach Airport (LGB))

(This event is not sponsored by the Library)

Disclaimer: The views of the speakers do not represent the views of AIAA or the AIAA Los Angeles-Las Vegas Section.
Contact: Mr. Ian Clavio, Education Chair, education-chair@aiaa-lalv.org
RSVP and Information:  
[https://lp.constantcontactpages.com/ev/reg/t6wgudn/lp/90ced505-d15c-4cb0-b4a1-5b211d8d9c90](https://lp.constantcontactpages.com/ev/reg/t6wgudn/lp/90ced505-d15c-4cb0-b4a1-5b211d8d9c90)

**AIAA LA-LV 3/9 (Hybrid) Section Meeting**  
Saturday, March 9, 2024, *11 AM PST*

**SEEING THE FUTURE:**  
How To Use Rapid Collaborative Visualization to Convert Concepts to Capabilities in Innovation Ecosystems

**Mr. Rick Baumgartner**  
Emmy-nominated Visual Effects Producer  
VFX, Graphics, and Post-Production producer for SEA STRIKE 2043

**Mr. Dennis Leung**  
Founding partner of Dibashi Consulting  
Formerly with Northrop Grumman Space Divisions  
Formerly with NASA Dryden Research Center (Hypersonic Vehicle Division)  
(The speakers will present in person.)

**Physical Location**  
Lawndale Library (Meeting Room)  
14615 Burin Ave., Lawndale, CA 90260  
(South of 105 Hwy and East of 405 Hwy/Pacific Coast Hwy (1))  
(Near SpaceX Hawthorne, and close to Northrop Grumman Space Park)  
(also online for a hybrid event)  
(This event is not sponsored by the Lawndale Library)

**Online on Zoom**

Tentative Agenda: (All Time PST (GMT -0800)) (US and Canada)  
10:15 am: Check-in, Networking  
11:00 am: Introduction and welcome  
11:05 am: Presentation + Q/A  
12:35 pm: Networking, Adjourn.  
02:00 pm: Leave Meeting Room by 2 pm PST.

**Disclaimer:** The views of the speakers do not represent the views of AIAA or the AIAA Los Angeles-Las Vegas Section.

Contact: General Contact: [contact@aiaa-lalv.org](mailto:contact@aiaa-lalv.org), Events/Program [events.aiaalalv@gmail.com](mailto:events.aiaalalv@gmail.com)

www.aiaa-lalv.org | www.aiaa-lasvegas.org  
engage.aiaa.org/losangeles-lasvegas
In-person attendees were listening with enthusiasm, while on-line attendees were enjoying remotely.
It was a rainy day, still, people showed up in person and on-line to learn more about the topic/subject.

It's very interesting and important to review the early stage of the U.S. Human Space Flight.
Attendees took turns asking interesting questions, while some were enjoying their snacks.

Some attendees asked multiple questions.

Lots to learn from the early stage and look for the future human space flight. Look forward to the next talk by Dr. Ford with us!
The visitors for the Career Day arrived at CAMS and checked in before the sessions. Mr. Ian Clavio checked in early.

(Left) Many awards for this leading high school. (Right) Mr. Ian Clavio started his presentation.

Ian talked about his background and his career path into STEM and aerospace / mechanical engineering.
Ian also introduced AIAA to those freshman high school students.

Students listened carefully with great enthusiasm to Ian's presentation.

Ian inspired the students with his own career path and the exciting journey into aerospace.
(2024 January 19) AIAA LA-LV Section Outreach to CAMS Career Day with Ian Clavio (Photos Only)

Ian answered many questions from students, such as why he chose to go into aerospace, and how he got interested in STEM, etc.

(Left) Ian encouraged those freshman high school students to think about STEM and aerospace for their future career path. (Right) Ian chatted with the teacher, Mr. Carpenter.

(Left) Mr. Carpenter encouraged the students to ask Ian more questions. (Right) Ian’s name was still on the award banner in the classroom, as he graduated from CAMS several years ago.
(2024 January 19) AIAA LA-LV Section Outreach to CAMS Career Day with Ian Clavio *(Photos Only)*

After giving the presentation 3 times to 3 different classes of students, Ian/other speakers joined the advisory meeting with teachers.

Ian and other speakers listened to the presentations from the CAMS teachers.

Ian was very happy with the appreciation certificate from CAMS for his presentation and outreach.
AIAA LA-LV Aero Alumni (retirees from aerospace) Meeting (2024 January 10)
(Screenshots only) [https://www.aiaa-lalv.org/blogs/2024-blogs/2024-january-10](https://www.aiaa-lalv.org/blogs/2024-blogs/2024-january-10)

Attendees gathered together in person and on-line to discuss interesting aerospace news and topics, such as the Supernal VTOL in CES 2024, aerospace AI, Mike Ciminera’s new book, and Fred Culick’s obituary, along with other interesting subjects.

Mr. Doug Ikemi (left) and Mr. Gary Moir (right) enjoyed the lunch and the meeting on site in person.
Aviation Week reports that a “Northrop Grumman B-21 Raider flew a test sortie from Edwards AFB, California, on Jan. 17, notching the second acknowledged flight of the second-generation stealth bomber.” Defense News reports US Air Force spokeswoman Ann Stefanek said, “Flight testing is a critical step in the test campaign managed by the Air Force Test Center and 412th Test Wing’s B-21 combined test force to provide survivable, long-range, penetrating strike capabilities to deter aggression and strategic attacks against the United States, allies and partners.” According to Defense News, “Northrop Grumman has built or is in the process of building at least six test B-21s, including this first bomber. The B-21 program is now in the engineering and manufacturing development phase, and the test aircraft are production-representative platforms, meaning they are being built on the same line with the same tools, technicians and processes as production bombers. Ellsworth Air Force Base in South Dakota is to be the first base to receive a Raider, scheduled for delivery in the mid-2020s.”

Full Story (Defense News); More Info (Defense News)
AIAA Announces 2024 Sustained Service Awards Winners

January 5, 2024 – Reston, Va. – The American Institute of Aeronautics and Astronautics (AIAA) is pleased to announce the winners of the 2024 Sustained Service Awards. The award recognizes sustained, significant service and contributions to AIAA by members of the Institute.

“AIAA volunteers are the aerospace community’s greatest resource,” said Dan Dumbacher, AIAA executive director. “These AIAA members lead by example, using their talent and energy to guide the community. We are grateful for their dedication and hard work.”

Recipients must be AIAA members in good standing who have shown continuing dedication to the interests of the Institute by making significant and sustained contributions over a period of time, typically 10 years or more. Active participation and service at the local section/regional level, and/or the national level is a potential discriminator in the evaluation of candidates.

The 2024 Sustained Service Awards winners are:

**Ronald M. Barrett-Gonzalez, University of Kansas**
For continued support of AIAA in the Wichita Section, as a student branch faculty advisor, and on national technical committees.

Barrett-Gonzalez received B.S. and Ph.D. degrees from the University of Kansas in 1988 and 1993, respectively, and an M.S. from the University of Maryland in 1990 in aerospace engineering. He has authored more than 400 technical publications, holds 19 patents, and is a member of the Aircraft Design and Adaptive Structures Technical Committees (TC). He has served on faculties at Auburn, Alabama, TU Delft, and KU as the AIAA Student Branch Faculty Advisor.

**John W. Dankanich, NASA Marshall Space Flight Center**
For continued and dedicated service to AIAA and the aerospace community.

Dankanich received undergraduate and graduate degrees from Purdue University in Aeronautical and Astronautical Engineering. He is the Chief Technologist of NASA Marshall Space Flight Center and the NASA agency Capability Lead for In-Space Transportation. He is a subject-matter expert in trajectory optimization, mission architecture design, and propulsion technology development and testing.

**Stanley D. Ferguson, The Boeing Company (retired)**
For sustained service and support to the AIAA Pacific Northwest Section, national committees, technical meetings, student competitions, and STEM activities.

Ferguson retired from Boeing after a 40-year career in aerodynamic design, analysis, aircraft integration, and certification. His contributions resulted in numerous patents and awards. He received his MSE degree from the University of Washington in 1979, and BSAE from West Virginia University in 1973. Ferguson has served AIAA in local section positions, national committees, and is an AIAA Associate Fellow.
AIAA Announces 2024 Sustained Service Awards Winners

**Kenneth Lui**, Ken’s Consulting
For outstanding volunteer service to the AIAA Los Angeles-Las Vegas Section, demonstrating tireless dedication in organizing conferences, and establishing young professional, student branch, and diversity events.

Lui is Chair of the AIAA Los Angeles-Las Vegas(LA-LV) Section and has been a Council Member since 2015. An AIAA Senior Member, he is also a member of the AIAA Space Settlement TC and the Microgravity and Space Processes TC. He obtained his Ph.D. in Applied Physics from Carnegie Mellon University and worked in institutes such as the University of Alabama, City of Hope, and UCLA. He has been a consultant for several years.

**Anastasios S. Lyrintzis**, Embry-Riddle Aeronautical University
For over 35 years of sustained AIAA service, including leadership roles on committees, conference organization, and publications

Lyrintzis has done research in aeroacoustics, authoring over 200 papers and advising 22 Ph.D. students. He has been a member and Chair of the AIAA Aeroacoustics TC, a member and Chair of the Aerospace Department Chair Association, and the Higher Education Committee. An AIAA Fellow, Lyrintzis has organized several AIAA conferences and served as an Associate Editor for AIAA Journal.

**Kurt A. Polzin**, NASA Marshall Space Flight Center
For sustained, significant service and contributions at the local, regional, and national levels of AIAA.

Polzin received his B.S. from Ohio State University and completed his Ph.D. in Mechanical and Aerospace Engineering at Princeton University. He joined NASA Marshall Space Flight Center in 2004, and is presently the Chief Engineer for NASA’s Space Nuclear Propulsion project. Polzin is an AIAA Associate Fellow and recently completed his second three-year term as Director–Region II.

**Lawrence W. Stephens**, Lockheed Martin Missiles and Fire Control
For many years of impactful leadership and dedicated service to AIAA and its members at the student branch, section, regional, and national levels.

Stephens is Director of Engineering Affordability for Lockheed Martin Missiles and Fire Control. He was previously Director of Systems Engineering and then Chief Engineer for Advanced Programs and Special Programs. His contributions include system development programs in aircraft, space, and missile systems from concept studies through flight demonstrations. Stephens is an Aerospace Engineering graduate of the University of Texas at Arlington and an AIAA Fellow.
AIAA Announces 2024 Sustained Service Awards Winners

Marilee J. Wheaton, The Aerospace Corporation
For sustained contributions to the Economics and the Systems Engineering Technical Committees, for impactful service to the Fellows Selection and Honors and Awards Committees, and for technical leadership of the AIAA SPACE Forum and AIAA SciTech Forum.

Wheaton is a Systems Engineering Fellow at The Aerospace Corporation. She provides technical leadership and building capability to include enterprise systems engineering, digital engineering, systems architecting, and model-based systems engineering. Wheaton is a 2008 AIAA Fellow, and she is also a Fellow and current President of INCOSE, and a SWE Fellow and Life Member.
AIAA Statement on the Passing of Congresswoman Eddie Bernice Johnson


January 4, 2024 – Reston, Va. – The American Institute of Aeronautics and Astronautics (AIAA) CEO Dan Dumbacher made the following statement:

“AIAA mourns the passing of former Chairwoman Eddie Bernice Johnson (D-TX) who led the House Science, Space, and Technology Committee from 2019 until 2023, when she retired from Congress.

Chairwoman Johnson was a champion for STEM education and the advancement of science. We applaud her efforts to pass the Broadening Participation in STEM Education Act that authorized the director of the National Science Foundation to award grants to minorities in underrepresented minority groups receiving STEM degrees. Her leadership has led to advancing the aerospace workforce, not only for her constituents but for the entire country. We appreciated her strong support for NASA, as well as her leading role in crafting and moving the CHIPS Act and Science bill.

On behalf of the Institute’s nearly 30,000 professional, student, and educator members, our prayers go out to her family and loved ones.”
AIAA Announces Plans for CEO Transition

(Written 3 January 2024)

January 3, 2024 – Reston, Va. – The American Institute of Aeronautics and Astronautics (AIAA) announced today that CEO Dan Dumbacher will step down from his role on September 30, 2024.

“Dan shared his intent to leave his role as steward of the Institute during a recent AIAA Board of Trustees meeting. His leadership over the past six years has been key to solidly positioning us for a strong future, especially successfully navigating through the challenges of the pandemic. We highly value his many contributions to AIAA and the aerospace community. At the heart of that leadership is his enduring commitment to helping AIAA members succeed as they devote their life’s work to unraveling the mysteries of flight and exploring the universe. We wish him all the best in his next chapter,” said AIAA President Laura McGill.

Dumbacher joined AIAA in 2018 as Executive Director (now CEO) following a more than 30-year career at NASA. He also served as a Professor of Engineering Practice in the School of Aeronautics and Astronautics at Purdue University, where he taught courses in systems thinking, systems engineering, and space policy. He has been a member of AIAA for almost 40 years.

“It has been a great pleasure to work closely with Dan on inspiring the next generation. In just the past few years of our collaboration, the Foundation has been able to offer new STEM education programs to K-12 students, establish partnerships to impact one million students per year by 2025, create the new Trailblazing STEM Educator Award to recognize deserving teachers, and add valuable new university scholarship opportunities for students studying aerospace engineering,” said AIAA Foundation Chair Basil Hassan.
AIAA Announces Plans for CEO Transition

During his tenure, the Institute has continued to deliver on its mission to help aerospace professionals and their organizations succeed. In 2020, the Institute embarked on a Domain approach to help accelerate innovation and progress in 21st-century Aeronautics, Aerospace Research and Development (R&D), and Space. Recognizing the systems applications and missions of today, along with the rapidly evolving marketplace, this structure has propelled AIAA into the future as we have established priority issues within each Domain that serve the interests of our members and the industry. AIAA strategically coordinates programs and activities to make progress solving generational-scale challenges across the aerospace industry. The total team effort across the Board of Trustees, Domain Task Forces, Technical Committees, Integration and Outreach Committees, local sections, student branches, and external partnerships has established AIAA’s approach to address the community’s needs while enabling AIAA to operate at the speed of a dynamic and rapidly changing market.

Under Dumbacher’s guidance, AIAA has continued its work as a world-renowned technical leader through the combination of his tireless advocacy of the industry among policymakers and government leaders at state, national, and global levels, and the endorsement of an audaciously bold vision for the future of aerospace.

The Institute’s relentless progress through the pandemic-related challenges contributed to new ways of delivering programs while maintaining the Institute’s industry-leading publishing capability. “Looking back, AIAA members and stakeholders demonstrated their world-class resilience during this unprecedented period. This spirit of perseverance is in our industry’s DNA,” said Dumbacher.

Dumbacher has been a vocal thought leader in aeronautics and astronautics subjects, publishing editorials on timely industry topics, appearing frequently in media coverage of industry events, and sharing his passion about developing the next generation STEM-literate workforce. He has enthusiastically championed diversity, equity, and inclusion in aerospace, helping move the community toward better reflecting the demographics of society. Through his influential contributions, the Institute is viewed as an essential voice for the industry.

“AIAA is a world-class organization fueled by inspiration, perseverance, and extraordinary accomplishments. The Institute is renowned for representing aerospace excellence for nearly a century. It has been a profound privilege to lead the professional team at AIAA and partner with our dedicated volunteer members as we built on the legacy of AIAA’s reputation. I would like to personally thank the AIAA staff, our members, and all of our stakeholders for their guidance and support through the years. I am humbled to have contributed in a small way to the long list of remarkable accomplishments we achieved together,” said Dumbacher.

The AIAA Board of Trustees has retained Russell Reynolds Associates (RRA) to assist with the national search for its next CEO. The search process is expected to take several months and will be led by Julia McGeorge and Stephanie Tomasso in the RRA Washington, DC, office.
January 4, 2024 – Reston, Va. – The American Institute of Aeronautics and Astronautics (AIAA) CEO Dan Dumbacher made the following statement:

“On behalf of the 30,000 professional and student members of AIAA, we are pleased to sign The Washington Compact on Norms of Behavior for Commercial Space Operations by The Hague Institute for Global Justice. Through this important step, AIAA joins scores of illustrious organizations and individuals who also share the common vision that civil space exploration and development should be conducted in a manner that prevents conflict and supports cooperation, peace, and prosperity.

AIAA sees space as an essential part of everyday life on Earth, with further exploration and innovation leading to an off-world future. We believe global collaboration, including the growing influence of space commerce, will help us expand the human neighborhood beyond low Earth orbit to the moon and on to Mars.”
Welcome ! New AIAA Members! (LA-LV Section)

Welcome, new members!

And, Congratulations!

Nitish Chennoju
Fabian Saucedas
Mr Hulean Tyler
Jordan Brown
Mx Lex Conte
Graeme Sabiston
Mr Gautham Viswaroopan
Caprice Neman
Mr Michael Haro
Sir Rick Ruotolo
Batya Vishnepolsky
Mike Tan
Christopher Arauzo
Ms Malory McLemore
Anthony Cabrera
Kirby Carlisle
Patrick Carlson
Alex Jordan
Ms Sabrina Ali
Jieva Autri
Lily Castro
Henry MacMorran
Maria Chamieh
Patrick Hayes
Anne Wen

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engage.aiaa.org/losangeles-lasvegas
### AIAA LA-LV Aerospace News Digests (by Dr. Ken Lui, AIAA LA-LV Section)

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<td>Jan. 20</td>
<td>Japanese lander touches down on the moon, but suffers power glitch</td>
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<td>Jan. 20</td>
<td>NASA finds Ingenuity after losing contact with the Mars helicopter</td>
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<td>Sierra Space tests full-scale inflatable module</td>
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<td>Judge refuses to dismiss libel suit against OpenAI</td>
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<td>NASA PROBE SHOOTS INDIAN MOON LANDER WITH LASER</td>
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<td>Jan. 16</td>
<td>Boeing CEO to Visit Main 737 Supplier as Quality Crisis Grows</td>
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<td>Jan. 15</td>
<td>Scientists Discover ‘Key Stepping Stone’ to the Origin of Life</td>
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<td>Jan. 15</td>
<td>Expect noisier skies near Nellis Air Force Base as Red Flag begins</td>
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<td>Jan. 12</td>
<td>SWISS START-UP SIRIUS UNVEILS HYDROGEN-POWERED VTOL ‘BUSINESS JET’</td>
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<td>Jan. 12</td>
<td>NASA unveils quiet supersonic aircraft in effort to revive commercial flights</td>
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<td>Korean Air plane bumps another aircraft when towing tractor slips at a Japanese airport</td>
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<td>Jan. 10</td>
<td>AeroVironment Successfully Integrates Multi-Drop Live Fire Shryke Munitions onto VAPOR 55 MX UAV</td>
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<td>Jan. 7</td>
<td>FAA orders temporary grounding of certain Boeing planes after Alaska Airlines door detaches midflight</td>
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<td>More delays for NASA’s astronaut moonshots, with crew landing off until 2026</td>
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<td>DARPA’s air-steered X-65 jet heads into production with goal of flying by 2025</td>
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<td>Japan Airlines A350 Collides With Aircraft</td>
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<td>Jan. 20</td>
<td>Another US moon lander is launching after Peregrine’s failure. What’s different this time?</td>
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<td>Jan. 20</td>
<td>‘Just A Worse Version Of Apollo:’ Elon Musk Baffled By NASA Veteran’s Push To Ditch SpaceX, Blue Origin And Use Existing Tech For Artemis Moon Mission</td>
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