



Online: www.amostech.com
Facebook: AMOScon
Twitter: @amoscon
LinkedIn: <https://www.linkedin.com/showcase/amos-conference/>
#AMOS25th #EMERGEN2024

Contact: **Sandy Ryan**
Conference Director, Maui Economic Development Board
1305 North Holopono Street, Suite 1, Kihei, HI 96753
Office: 808-875-2300
Mobile: 808-283-1267
Email: sandy@medb.org
Website: www.medb.org

Event Date: AMOS Conference - Sept 17-20, 2024
EMER-GEN Conference – Sept 15-17, 2024

Location: Wailea Beach Resort
3700 Wailea Alanui Drive, Wailea, HI 96753

FAST FACTS



Description: The Advanced Maui Optical and Space Surveillance Technologies (AMOS) Conference is the premier technical conference in the nation devoted to space situational awareness. The cross section of private sector, government, and academic participation helps foster important dialogue and international collaboration. The continued growth in attendance and participating countries at AMOS reflects a growing interest in space sustainability and space commerce initiatives as new actors—national governments, private sector companies, non-governmental entities, and universities—become involved in these activities.

AMOS 2024 will be hybrid with an in-person event complemented by virtual components including livestream.

The call for papers for the 2024 AMOS Conference closed March 1 and attracted an outstanding number of exceptional abstracts from 24 countries. The number and content of the submissions demonstrate the continued evolution and advancements in field of space domain awareness and is reflected in the session topics to be covered this year: Astrodynamics, Cislunar SDA, Conjunction/RPO, Machine Learning for SDA Applications, Satellite Characterization, SDA Systems & Instrumentation, Space-based Assets, Space Debris, Space Domain Awareness; and Atmospheric/Space Weather.

Papers are eligible for publication in the 2024 Journal of Astronautical Sciences as well as a Best Paper and Presentation Award. There is also a Student Award for the best manuscript submitted by a student.

In addition to the Technical Sessions, the AMOS Conference features Keynote Speakers, Policy Forums and Technical Short Courses. The on-site Exhibit Venue is at capacity, providing opportunities for sponsors to showcase new technologies and services as well as encourage networking. There will also be virtual access to posters and networking rooms.

This will be the seventh year for the **EMER-GEN program**, designed especially for young professionals and students (35 and under) enthusiastic about careers in space. The program will be in-person with three webinars pre-event to prepare the cohort.

Presenter: This event is presented by the **Maui Economic Development Board**, a 501(c)(3) not-for-profit corporation established in 1982 with a mission to diversify Maui County's economy, building pathways to innovation, jobs and opportunity for our residents. Through partnerships with the public and private sector, MEDB undertakes projects that assists growth industries with navigating and thriving in our county, educates and trains residents for new careers, and engages our community in forums that determine future economic directions.

AMOS CONFERENCE FAST FACTS – continued

Technical Chairs

Paul Kervin, AFRL/RDSM retired

Daron Nishimoto, Consultant, E.O. Solutions

2024 Session Topics and Chairs

Astrodynamics

Tom Kelecy, The Aerospace Corporation

Geoff Lake, Ball Aerospace

Atmospherics/Space Weather

Mary Ellen Craddock, Northrop Grumman Corporation

Shaylah Mutschler, Space Environment Technologies

Cislunar SDA

John Iannamorelli, Purdue University

Jamie Stearns, AFRL Space Vehicles Directorate

Conjunction/RPO

Jeff Aristoff, Slingshot Aerospace

Mariel Borowitz, OSC / Georgia Tech

Machine Learning for SDA Applications

Heather Griffith James, Kitware, Inc.

Nathan Toner, Cloudstone Innovations

Satellite Characterization

Carolin Frueh, Purdue University

Emily Gerber, Ten One Aerospace

SDA Systems & Instrumentation

Jeff Sherk, The Aerospace Corporation

Stacie Williams, AFOSR

Space-Based Assets

BT Cesul, Umbra

Orlando Diaz, Lawrence Livermore National Laboratory

Space Debris

Heather Cowardin, NASA

Zach Gazak, SSC/SZG

Space Domain Awareness

Ayla Reed, AFRL/RDSM

Lauchie Scott, Defense R&D Canada

TECHNICAL SHORT COURSES

Short courses provide opportunities for working professionals to upgrade their technical job skills and remain abreast of recent developments in their respective fields of interest. The small size of each class gives you an excellent opportunity for personalized instruction.

Taught by highly regarded industry experts on a variety of subjects, courses have been scheduled to be presented either in-person on Maui on September 17; or online on September 16, 2023.

Ten short courses will be presented on-site at the AMOS Conference venue at the Wailea Beach Resort over two sessions. All participation will be in-person with no live streaming available. The courses, and the presenters are:

1. **CA Risk Assessment Technical Short Course** – Presented by Francois Laporte, CA senior expert, CNES; Lauri Newman, Conjunction Assessment Program Officer, NASA Headquarters; Matthew Hejduk, Chief Engineer, Satellite Conjunction Assessment, HQ NASA, The Aerospace Corporation
2. **Astrodynamics for xGEO Space Domain Awareness** – Presented by Aaron J. Rosengren, Assistant Professor, University of California San Diego; Shane D. Ross, Professor, Virginia Tech
3. **Panchromatic, Multi-spectral, Spectroscopy and Polarimetry Data Collection and Image Processing for Non-resolved Object Characterization** – Presented by Francis Chun, Professor, USAF Academy, Department of Physics and Meteorology; Timothy Giblin, Senior Scientist, i2 Strategic Services, LLC; David Strong, Senior Scientist, Strong EO Imaging, Inc.; Benjamin Roth, Director, Astronomy Research Group and Observatory, USAF Academy, Department of Physics and Meteorology; Anil Chaudhary, Principal Scientist, Applied Optimization, Inc.; Phillip Fishbein, Computer Engineer/Mathematician, Applied Optimization, Inc.
4. **Uncertainty Quantification for Space Situational Awareness** – Presented by Brandon Jones, Associate Professor, The University of Texas at Austin
5. **Using a Modular Open System Approach (MOSA) to Enhance Space Situational and Domain Awareness** – Presented by Yvette Rodriguez, Research Director / Professor, Defense Acquisition University; Monique Ofori, Systems Engineering Manager / Contractor Support to OUSD(R&E) SE&A, SAIC / OUSD(R&E) Systems Engineering
6. **Deep Learning Methods for Space Domain Awareness** – Presented by Roberto Furfaro, Professor and Director of Space4 Center, University of Arizona; Richard Linares, Associate Professor, Massachusetts Institute of Technology; Weston Faber, Senior Scientist, L3Harris
7. **Introduction to Event-Based Sensing for SDA: A Hands-On Tutorial** – Presented by Rachel Oliver, Assistant Professor, AFIT; Gregory Cohen, Associate Professor in Neuromorphic Systems, Western Sydney University; Michael Dexter, Associate Professor, AFIT; Alexandre Marcireau, Postdoctoral Fellow, Western Sydney University; Nicholas Ralph, Postdoctoral Fellow, Western Sydney University
8. **Observing and Characterizing Space Debris** – Presented by Thomas Schildknecht, Director of Swiss Optical Ground Station, University of Bern, Astronomical Institute

AMOS CONFERENCE FAST FACTS – continued

9. **Telescopes and Optics: An Introduction to Ground-based Optical SDA** – Presented by Peter Zimmer, Research Scientist
10. **The Case for Space Environmentalism** – Presented by Moriba Jah, Professor Aerospace Engineering & Engineering Mechanics, The University of Texas at Austin

Five technical short courses will be presented virtually on Monday September 16. The presentations are “live” and participants will have the ability to interact with the instructor and attendees in real-time.

A. Cross-Domain Learning For Space Law: Challenging the lessons from Maritime, AI and Cyber Domains to Enable a Circular Space Economy – Ralph Dinsley, Founder/Managing Director, 3S Northumbria Ltd; Christopher Newman, Professor of Space Law and Policy, Northumbria University; Lauren Napier, Lecturer In Law, Space, Cyber, Telecommunications, AI and Robotics, Northumbria University

B. Methods of Cognitive Learning for Space Traffic Management – Presented by Mark Abrams, Principal, and Steve Stennett, Principal, Cognitive Learning Systems

C. Astrodynamics Essentials: Mastering the Math and Physics of Space Orbits Simulation – Presented by Richard L. Lachance, President & CEO, RLL Consulting

D. Imaging, Tracking, and Object Detection – Presented by David Gerwe, Scientist, and Steven Griffin, Chief Engineer, Boeing

E. SSA System and Catalog Architecture Design – Presented by Thomas Johnson, CEO, Exa Research, LLC

AMOS CONFERENCE FAST FACTS – continued

2024 Sponsors

Po’okela (*working together*)

Boeing

Kokua (*to help and support*)

Comspoc

KBR

L3 Harris

SAIC

Laulima (*working together*)

Anduril

ExoAnalytic Solutions

Mitre

BAE Systems

Kratos

Northrop Grumman

CACI

LeoLabs

SpaceNav

EO Solutions

Linqest

Lokahi (*collaboration and unity*)

Astroscale

Maxar

Booz Allen Hamilton

Peraton

General Atomics Electromagnetic Systems

Raytheon

Johns Hopkins Applied Physics Laboratory

Secure World Foundation

Lockheed Martin

Slingshot Aerospace

LSAS Tec

Kupa’a (*loyal and committed*)

HTDC

Space Foundation

SpaceMap

Malama (*to care for*)

a.i. solutions

Hart Scientific Consulting

SEAKR Engineering

Advanced Scientific Concepts

Kayhan Space

SpaceFlux

Advanced Space

Lipoa

SpaceX

Astro Haven Enterprises

NEC Aerospace Systems

Tech7

Celestron

Pier-Tech Inc

Toptica Photonic

Charles River Analytics

Planewave Instruments

Transastra

GEOST

Rocket Communications

GMV

Sea West Observatories

Exhibitors

a.i. solutions | Advanced Scientific Concepts | AFRL | Astro Haven Enterprises | BAE Systems
Celestron | Charles River Analytics | COMSPOC | General Atomics Electromagnetic Systems | GEOST
GMV | Hart Scientific Consulting | JHU Applied Physics Laboratory | Kayhan Space | KBR | Kratos
LeoLabs | Lipoa | LSAS Tec | MAXAR | Mitre | Planewave Instruments | Rocket Communications
SAIC | Sea West Observatories | SEAKR | Slingshot Aerospace | SpaceFlux
SpaceMap | SpaceNav | TOPTICA Photonics | Transastra

FAQs

How did the conference come to be on Maui?

Maui has some of the most diverse and highly capable optical telescopes (AEOS), instrumentation (adaptive optics, spectrometers, photometers, radiometers, etc.) and processing capabilities (MHPCC) centralized into one location on the planet earth.

The AMOS Conference began in 1999 as an AFRL initiative, executed by the Maui Economic Development Board (MEDB). At that time, the focus of the conference was as a users' conference and to promote the Air Force Maui Optical and Supercomputing Site (AMOS) which has provided the U.S. Department of Defense (DoD) with space situational awareness (SSA) capabilities for over 65 years (since 1951).

In 2006, MEDB assumed ownership of the AMOS Conference from the Air Force, and proceeded to build upon early success by evaluating and adding elements to the conference that bring value to the SSA/SDA (Space Domain Awareness) Community. In the 16 years since, MEDB's intent in presenting the AMOS Conference is still to support the Air Force's mission on Maui which, in turn, supports MEDB's mission of economic diversification.

What are the various activities of the AMOS Conference?

In order for the AMOS Conference to continue to be of benefit to the Air Force, it must also be of benefit to the SSA/SDA Community at large. The conference has expanded from solely Technical Sessions to include exhibition and sponsorship opportunities; SSA Policy sessions that explore international issues; keynotes by international SSA thought leaders; invited workshops that promote international collaboration and cooperation on SSA/SDA topics; and technical short courses. Evening receptions provide informal opportunities to network and build connections.

How are presenters selected for the Technical Sessions?

A Call for Papers is announced at the beginning of the year with submissions closing March 1. Papers are reviewed and selected by Technical Chairs that have been selected to moderate the specific sessions noted to be in high demand by the submissions.

Papers that are not accepted for an oral presentation may be invited to present a Poster. To expand the number of opportunities to present at AMOS, virtual posters are offered with select presenters invited to present in-person. All presenters, oral or poster, are required to submit a final paper by August 30 in order to present at the AMOS Conference.

Where are the Technical Papers published?

Final papers are collated into the Proceedings for the year and available for purchase 8-10 weeks post-Conference. The Conference also maintains an archive of individual technical

AMOS CONFERENCE FAQ – continued

papers presented at the AMOS Conference since 2006 which is searchable online as a resource to the SSA technical community <https://amostech.com/archives/>.

In 2024, relevant papers will be considered for publication in the 2024 Journal of Astronautical Sciences, an archival publication devoted to the sciences and technology of astronautics. Articles are published which present significant new results, important insights, or state of the art surveys in all areas of astrodynamics, celestial mechanics, atmospheric flight mechanics, navigation and guidance, and space related sciences.

What awards are associated with the AMOS Conference?

For the seventh year, the Space Surveillance Technical Committee of the American Astronautical Society (AAS) and AMOS Conference will present a Student Award for the best manuscript submitted and presented by a student. The winner receives a stipend, as well as free registration for both the AMOS Conference and EMER-GEN.

All presentations are eligible for an overall Best Paper that will be presented end of the Conference. Poster presenters are also in the running for awards – Best Poster, Most Creative, Best Newcomer and Best Poster Pitch Presentation.

What is the SSA Policy Forum?

The SSA Policy Forum, coordinated in collaboration with Secure World Foundation, explores international issues related to Space Situational Awareness in a panel format. Held at the start of each day of the 3-day AMOS Conference, Wednesday to Friday, the sessions are preceded by a relevant keynote presented by an invited SSA thought leader. Bringing together the developers and implementers of SSA capabilities and the architects of SSA policy provides a forum to interact at a time when the landscape is rapidly changing. This year's topics are:

1. Sustainable Operations of Large Constellations: The Role of Orbital Carrying Capacity and Other Tools
2. SSA in the Asia-Pacific: Where We Are, Where We Are Going
3. Space Weather and SSA—What's Needed Next?

How will the virtual conference experience be for attendees?

A robust virtual platform provided by X-CD technologies will allow attendees to attend the live plenary sessions and participate in Q & A via a chat function. The platform will include a poster venue and the opportunity to network with fellow attendees. Technical sessions will be on-demand and all presentations will be recorded for later access by those registered unable to attend the live streaming.

A virtual exhibit hall will have a collection of resources (links and downloads) provided by sponsors. In the poster venue, attendees can view pre-recorded 3 minutes presentations of the posters and post questions to the presenters via the discussion board.

AMOS CONFERENCE FAQ – continued

Who attends?

Along with United States representatives from military, government, academia and commercial sectors, the number of countries that have attended over the history of AMOS Conference is 33 -- Australia, Austria, Belgium, Brazil, Canada, Chile, China, Czech Republic, Finland, France, Germany, India, Iran, Israel, Italy, Japan, Netherlands, New Zealand, Philippines, Poland, Republic of Korea, Russia, Singapore, Slovakia South Africa, Spain, Sweden, Switzerland, Thailand, Turkey, Ukraine, United Arab Emirates and the United Kingdom.

A sampling of companies, universities, and government organizations that have attended AMOS can be [viewed/downloaded](#).

What is EMER-GEN and what do you expect to achieve?

The EMER-GEN program is a joint initiative of the AMOS Conference and the Space Generation Advisory Council (SGAC). Designed especially for young professionals and students (35 and under) enthusiastic about careers in space, the original 2+ day program has grown to include webinars before the main event with a focus on fostering innovation and entrepreneurship among the cohort. Through the whole program, participants are challenged to solve/hack a problem to create new opportunities for space-based technologies.

With the help of advisers from industry, government, academia and NGOs, the EMER-GEN experience offers the experience offers

- Mentoring with renowned space specialists from the public sector (military and civil), private sector, and nongovernmental organizations
- Networking with other young professionals
- Technical Short Course presented by a specialist in space situational awareness
- Professional Development sessions to enhance your effectiveness in a global environment

The partnership with the SGAC provides an opportunity to extend the reach of the AMOS Conference and to contribute to the professional development of the upcoming space generation.

Scholarships are available to Hawaiian residents.

#

2024 AMOS CONFERENCE PRESS RELEASES

(latest to earliest)

Contact: Sandy Ryan, Conference Director, Maui Economic Development Board
Ph: 808-875-2318 E: sandy@medb.org

Technical Short Courses announced for the 2024 AMOS Conference

Kihei, Maui, Hawaii, June 21, 2024 - Technical Short Courses have been announced for the 2024 AMOS Conference offering attendees opportunities to learn and deepen their understanding of cutting-edge technologies and trends related to space situational/domain awareness (SSA/SDA).

The annual AMOS Conference, presented by Maui Economic Development Board, is celebrating its 25th year. Renowned for bringing together leading experts, researchers, and practitioners from the fields of space domain awareness, courses are offered both in-person on Maui on September 17; or online on September 16. The plenary sessions follow September 18-20 along with networking and exhibit sessions.

“The high number of Short Course proposals we receive reflect the growth in technology, trends and audience.” said Sandy Ryan, Conference Director. “The courses offer opportunities to dive deep into specialized topics, equipping participants with cutting-edge skills and knowledge that drive innovation and excellence in topics related to SDA.”

The short courses cover diverse topics, from conjunction assessment, machine learning and astrodynamics to space law and space environmentalism. By attending these courses, conference participants gain practical insights and skills that contribute to advancements in optical and space surveillance technologies.

In-person courses

Ten short courses will be presented on-site Tuesday, September 19 at the AMOS Conference venue at the Wailea Beach Resort over two sessions. All participation will be in-person with no live streaming available, and no recording. The interactive courses, and the presenters are:

1. **CA Risk Assessment Technical Short Course** – Presented by Francois Laporte, CA senior expert, CNES; Lauri Newman, Conjunction Assessment Program Officer, NASA Headquarters; Matthew Hejduk, Chief Engineer, Satellite Conjunction Assessment, HQ NASA, The Aerospace Corporation
2. **Astrodynamics for xGEO Space Domain Awareness** – Presented by Aaron J. Rosengren, Assistant Professor, University of California San Diego; Shane D. Ross, Professor, Virginia Tech
3. **Panchromatic, Multi-spectral, Spectroscopy and Polarimetry Data Collection and Image Processing for Non-resolved Object Characterization** - Presented by Francis Chun, Professor, USAF Academy, Department of Physics and Meteorology; Timothy Giblin, Senior Scientist, i2 Strategic Services, LLC; David Strong, Senior Scientist, Strong EO Imaging, Inc.; Benjamin Roth, Director, Astronomy Research Group and Observatory, USAF Academy, Department of Physics and Meteorology; Anil Chaudhary, Principal Scientist, Applied Optimization, Inc.; Phillip Fishbein, Computer Engineer/Mathematician, Applied Optimization, Inc.

4. **Uncertainty Quantification for Space Situational Awareness** - Presented by Brandon Jones, Associate Professor, *The University of Texas at Austin*
5. **Using a Modular Open System Approach (MOSA) to Enhance Space Situational and Domain Awareness** - Presented by Yvette Rodriguez, Research Director / Professor, *Defense Acquisition University*; Monique Ofori, Systems Engineering Manager / Contractor Support to OUSD(R&E) SE&A, SAIC / OUSD(R&E) Systems Engineering
6. **Deep Learning Methods for Space Domain Awareness** - Presented by Roberto Furfaro, Professor and Director of Space4 Center, University of Arizona; Richard Linares, Associate Professor, Massachusetts Institute of Technology; Weston Faber, Senior Scientist, L3Harris
7. **Introduction to Event-Based Sensing for SDA: A Hands-On Tutorial** - Presented by Rachel Oliver, Assistant Professor, AFIT; Gregory Cohen, Associate Professor in Neuromorphic Systems, Western Sydney University; Michael Dexter, Associate Professor, AFIT; Alexandre Marcireau, Postdoctoral Fellow, Western Sydney University; Nicholas Ralph, Postdoctoral Fellow, Western Sydney University
8. **Observing and Characterizing Space Debris** - Presented by Thomas Schildknecht, Director of Swiss Optical Ground Station, *University of Bern, Astronomical Institute*
9. **Telescopes and Optics: An Introduction to Ground-based Optical SDA** - Presented by Peter Zimmer, Research Scientist, and Mark Ackermann, Optical Scientist, J.T. McGraw and Associates, LLC
10. **The Case for Space Environmentalism** - Presented by Moriba Jah, Professor Aerospace Engineering & Engineering Mechanics, The University of Texas at Austin

Virtual Courses

Five technical short courses will be presented virtually on Monday September 16. The presentations are “live,” (no recording) and participants will have the ability to interact with the instructor and attendees in real-time.

A. Cross-Domain Learning For Space Law: Challenging the lessons from Maritime, AI and Cyber Domains to Enable a Circular Space Economy – Ralph Dinsley, Founder/Managing Director, 3S Northumbria Ltd; Christopher Newman, Professor of Space Law and Policy, Northumbria University; Lauren Napier, Lecturer In Law, Space, Cyber, Telecommunications, AI and Robotics, Northumbria University

B. Methods of Cognitive Learning for Space Traffic Management - Presented by Mark Abrams, Principal, and Steve Stennett, Principal, Cognitive Learning Systems

C. Astrodynamics Essentials: Mastering the Math and Physics of Space Orbits Simulation - Presented by Richard L. Lachance, President & CEO, RLL Consulting

D. Imaging, Tracking, and Object Detection - Presented by David Gerwe, Scientist, and Steven Griffin, Chief Engineer, Boeing

E. SSA System and Catalog Architecture Design - Presented by Thomas Johnson, CEO, Exa Research, LLC

Full descriptions of all the short courses are available at <https://amostech.com/short-courses>. A separate registration fee is required for each course and courses can be added to new and existing registrations. Places will be limited due to space and to ensure an interactive experience for all.

Recognized as the preeminent scientific conference in the field of space domain awareness, the AMOS Conference is attended by over 1,000 scientists, engineers and space experts from around the globe and across industry, government, military, and academic sectors. Learn more about the program at <https://amostech.com/agenda/>

PHOTO



CAPTION:

Aaron Rosengren leads a short course on Astrodynamics at the 2023 AMOS Conference

Keynote Speaker announced for the 25th AMOS Conference

Kihei, Maui, Hawaii, June 4, 2024 – AMOS Conference organizers are delighted to welcome Lieutenant General Philip A. Garratt to Maui to give the opening keynote as it celebrates its 25th anniversary. The 2024 program is taking shape with keynote speakers, policy forum topics, featured presentations, and technical sessions scheduled for September 17-20.

Launched in 1999 with the Air Force Research Laboratory, and presented by Maui Economic Development Board, the AMOS Conference is the premier technical conference in the nation devoted to space situational/domain awareness. Bringing together policymakers and experts from the private sector, academia, the military, and government agencies, the conference attracts papers and presentations from the world's foremost scientists and leaders working in the near-space arena.

“Celebrating 25 years of the AMOS conference reflects a quarter-century of innovation, collaboration, and progress in the space domain,” said Sandy Ryan, Conference Director, MEDB. “We are honored to be an active partner in this growth and look forward to the continued exchange of knowledge and ideas shaping the future of space.”

As the Commander of Space Systems Command, headquartered at Los Angeles Air Force Base, Lt. Gen. Garratt is responsible for more than 15,000 military, civilian and contractor personnel worldwide and an annual budget of \$15.6 billion, while managing the research, design, development, acquisition, launch, and sustainment of satellites and the associated command and control systems. His extensive portfolio includes military satellite communication, missile warning, navigation and timing, space-based weather, space launch and test ranges, space superiority, responsive space and other emerging evolutionary space programs.

Prior to Space Systems Command, Lt. Gen. Garratt served as the Deputy Chief of Space Operations, Strategy, Plans, Programs, and Requirements, and had the overall responsibility for the strategies, requirements, and budget of the United States Space Force. During his career, he has served in a variety of acquisition positions including Systems Engineer, Program Manager, Program Element Monitor, Squadron Commander, Senior Materiel Leader, Deputy Program Executive Officer and Program Executive.

Technical Sessions

An outstanding number of exceptional abstracts from 24 countries were received for consideration for presentation at this year's AMOS Conference. The number and content of the submissions demonstrate the continued evolution and advancements in field of space domain awareness and is reflected in the session topics to be covered this year: Astrodynamics, Atmospheric/Space Weather; Cislunar SDA, Conjunction RPO, Machine Learning for SDA Applications, Satellite Characterization, SDA Systems & Instrumentation, Space-based Assets, Space Debris, and Space Domain Awareness.

Submissions have been selected for oral and poster presentations. In an effort to showcase a greater body of technical work, the Conference includes a virtual poster category in addition to traditional in-person poster and oral presentations.

Twenty-eight students have submitted abstracts and are eligible for the 7th annual AMOS Student Award, presented in collaboration with the American Astronautical Society. The award

includes a small honorarium, complimentary registration to the AMOS Conference and to EMER-GEN®. All papers presented at AMOS are eligible for the Best Paper award and award winners are also selected for Poster presenters including: The Golden Ticket (Best Poster); Most Creative; Newcomer Award; and Best Lightening Pitch Award.

The AMOS conference is hybrid with livestreaming of all oral presentations for those unable to travel to Maui. Virtual attendees have access to all presentations as well as online networking.

The AMOS Conference is preceded by the 7^h Annual EMER-GEN® program, a professional development opportunity for students and young professionals enthusiastic about careers in space. A joint initiative with the Space Generation Advisory Council (SGAC) EMER-GEN puts the focus on fostering innovation and entrepreneurship. The program features mentoring sessions with renowned space specialists; networking; technical short courses; and interactive professional development sessions designed to enhance the young professionals' effectiveness in a global environment.

Registration is open for both events. Learn more at <https://amostech.com/>

###

PHOTOS:



CAPTION: Lt. Gen. Philip A. Garrant is Commander, Space Systems Command will give the opening Keynote for the 2024 AMOS Conference