

23RD



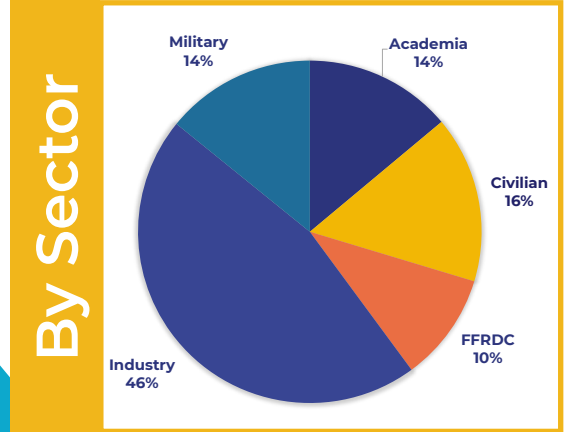
Advanced Maui Optical and Space Surveillance Technologies Conference

SEPTEMBER 27-30, 2022 | WAILEA BEACH RESORT, MAUI, HAWAII

A PROGRAM OF MAUI ECONOMIC DEVELOPMENT BOARD



1471 PARTICIPANTS

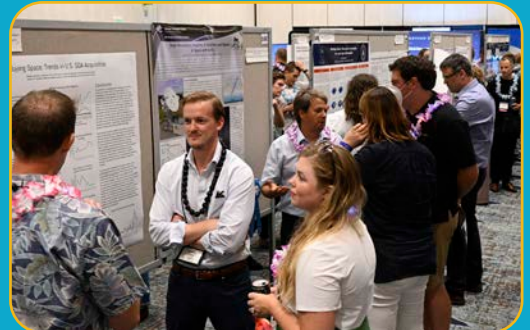


For the first time in its 23-year history the Advanced Maui Optical and Space Surveillance Technologies (AMOS) Conference was sold-out in advance. The premier technical conference in the nation devoted to Space Situational/Domain Awareness (SSA/SDA) hosted **1212 in-person attendees** at the Wailea Beach Resort. A further **259 joined virtually** as the Conference provided a hybrid option for those unable to travel to Maui.

The continued growth in attendance at AMOS reflects a growing interest in space sustainability and space commerce initiatives across all sectors—national governments, private sector companies, non-governmental entities, and universities. This growth is reflected on all fronts: attendance in-person from around the world, with **23 countries** participating; partnerships with sponsors and exhibitors; and the technical contributions by authors and presenters.

The AMOS Conference program featured daily Keynote speakers, SSA/SDA policy forums, exhibits, short courses and networking receptions. Both in-person and livestream attendees had access to a virtual platform to facilitate networking and collaboration before, during and after the conference.

This year's AMOS welcomed back in-person exhibits, and the Student Space Exploration Day. Poster Session Pitches and a Women & Allies in SDA reception were new features also added to the program.



"I'm talking to people I wouldn't have thought I would be talking to. I really thought this was going to be a super technical conference, but there is a lot of diversity in what is being discussed."

Akhil Rao, Assistant Professor of Economics
Middlebury College

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AMOS PROGRAM AT A GLANCE

KEYNOTES & OPENING REMARKS

Lt Gen Michael A. Guetlein

Commander, Space Systems Command United States Space Force

Ezinne Uzo-Okoro

Assistant Director for Space Policy White House Office of Science and Technology Policy

Richard DalBello

Director, Office of Space Commerce National Oceanic and Atmospheric Administration U.S. Department of Commerce



TECHNICAL SHORT COURSES

10 in-person and 6 virtual technical short courses pertaining to an introductory array of SSA/SDA topics were presented



SSA POLICY FORUM

- Using SSA to Verify Future Space Security Agreements
- Is Orbital Carrying Capacity a Useful Metric?
- The European Perspective on Space Traffic Management

195 TECHNICAL PRESENTATIONS AND DIGITAL POSTERS

Astrodynamics
Atmospherics/Space Weather
Cislunar SSA
Conjunction/RPO
Machine Learning for SSA Applications
Non-Resolved Object Characterization
Optical Systems & Instrumentation
Space Debris
SSA/SDA
Space-Based Assets

INVITED TALKS

Colonel Marc A. Brock,
Commander,
Space Delta 2,
US Space Force



Diane Howard, Director of Commercial Space Policy, National Space Council

Colonel Jeremy A. Raley, Director, Space Vehicles Directorate, Air Force Research Laboratory & David A. Ehrlich, Principal Deputy, Innovation & Prototyping Acquisition Delta, Space Systems Command

NEW IN 2022

Poster Session Pitches
Women & Allies in SDA Reception
SSA/SDA Technology Policy Panel



PLUS

AMOS Dialogue
International SSA Data Exchange Operators Forum
Space Exploration Day with Astronaut Scott "Scooter" Altman
Conference Awards Ceremony in Collaboration with American Astronomical Society (AAS)



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ENHANCING YOUR CAREER IN SPACE

A JOINT INITIATIVE OF THE AMOS CONFERENCE AND SGAC



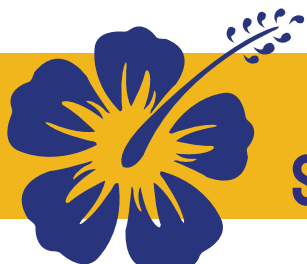
5th Annual EMER-GEN Program
47 Delegates
14 Mentors | 5 Guest Speakers

3 Day Program + Pre Webinars
Artemis Hackathon
Networking | Mentoring
Census Building
Celestial Navigation
Technical Short Course



"I attended EMER-GEN on a scholarship, for which I am extremely grateful. My takeaway is how the mentorship and networking at this conference introduced me to so many professionals from such diverse fields. It truly helped broaden my horizon of the space industry."

*Ashten Akemoto,
University of Hawaii*



SAVE THE DATE
SEP 19-22, 2023