



# Advanced Maui Optical and Space Surveillance Technologies Conference

A program of Maui Economic Development Board, Inc.

## SPONSORS

- Analytical Graphics, Inc.
- American Astronautical Society
- Applied Defense Solutions
- ATK
- Applied Optimization
- Ball Aerospace & Technologies Corp.
- Boeing Company
- County of Maui
- Economic Development Alliance of Hawaii
- General Dynamics
- Harris Corporation
- Lockheed Martin
- Northrop Grumman
- Integrity Applications Inc.-PDS
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- Sandia National Laboratories
- Secure World Foundation
- Space Foundation
- SpaceNav
- SSL
- SpaceNews
- Stinger Ghaffarian Technologies
- Universities Space Research Association
- University of Hawaii

## EXHIBITORS

- Air Force Research Laboratory
- Analytical Graphics, Inc.
- Applied Optimization Inc.
- ASRC Federal
- Astro Haven
- ATK
- The Boeing Company
- Lockheed Martin
- Maui High Performance Computing Center
- NASA/MSFC
- Northrop Grumman
- Officina Stellare
- PlaneWave Instruments
- Stinger Ghaffarian Technologies
- Software Bisque
- University of Hawaii

# Conference Summary

September 9-12, 2014 • Wailea Marriott, Maui, Hawaii

[www.amostech.com](http://www.amostech.com)

Celebrating our 15<sup>th</sup> year, the AMOS Conference was attended by 530 participants with over 50% from industry, 25% from military and government, 15% from academia and 10% from FFRDCs. The Conference featured more than 100 technical papers in the fields of sensor processing, adaptive imaging and Space Situational Awareness (SSA), and showcased 25 sponsors and 16 exhibitors.

Travel restrictions continued to challenge military and government participation, however, in late August, the U.S. Secretary of the Air Force approved Air Force attendance at the Conference, which accounted for one-fourth of the overall number.

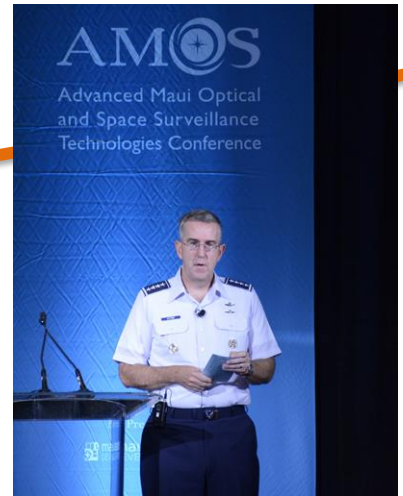
New this year, the Conference kicked off with four technical short courses including Beam Control, Infrared Astronomy, Adaptive Optics for SSA, and Space Trash. These topics helped to preface some of the technical sessions held during the week and provided a unique continuing education opportunity for participants.

The 3rd annual SSA Policy Forum, co-hosted by the Space Foundation, brought together some 220 U.S. and International stakeholders in the SSA community to discuss current efforts and priorities for SSA collaboration. General John Hyten, Commander, Air Force Space Command, delivered an opening keynote that stimulated conversation throughout the week.

The Conference also featured an array of high level presentations including Natalie Crawford, Senior Fellow of RAND Corporation, and panels featuring representatives from the U.S. Department of State, U.S. Department of Defense, civil, commercial and non-governmental organizations.

A continued increased focus on global SSA efforts resulted in our highest International attendance yet—over 50 individuals participated from thirteen countries including Australia, Canada, China, Czech Republic, France, Germany, Italy, Japan, Republic of Korea, Singapore, Sweden, Switzerland, and United Kingdom.

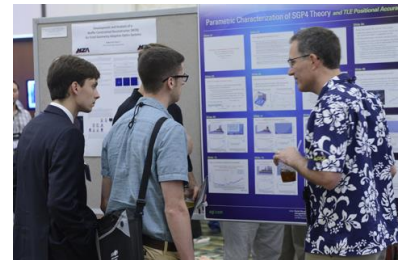
Our waitlisted Space in the Classroom activities wowed 300 middle school students who heard from former Astronaut, Dr. Leroy Chiao, toured the exhibit venue; and went hands-on with experiments! Partnering with Space Foundation, 25 Maui educators participated in a teacher workshop.



Senior Level Keynotes and Panels



SSA Policy Forum



Technical Exchange



State-of-the-Art Exhibits



Space in the Classroom