



## CALL FOR PAPERS | Abstracts Due April 1, 2015

The Maui Economic Development Board is pleased to announce the 16th annual Advanced Maui Optical and Space Surveillance Technologies Conference on September 15-18, 2015 at the Wailea Marriott in Maui, Hawaii.

The conference brings together operators, researchers, technologists and system developers who are working in many areas of space situational awareness.

This will be an unclassified conference consisting of a technical program, featured speakers, optional technical tour, interactive poster sessions and exhibits. Over 100 papers will be presented with opportunities for networking and technical discussions – all in an environment that stimulates the imagination and intellect of participants through its beautiful Maui scenery and unique Hawaiian hospitality.

Mark your calendar for the 1-day AMOS SSA Policy Forum to be held on Tuesday, September 15. Stay tuned for details!

The Program Committee invites abstracts describing key innovations, new research, and development in the following categories:

- Adaptive Optics
- Astrodynamics
- Astronomy
- Atmospheric/Space Weather
- Daylight Techniques for Satellite Characterization
- GEO Satellite Characterization (GEO imaging and non-resolved characterization techniques)
- High Performance Computing Applications for Space Surveillance
- Imaging
- Instrumentation, Sensors, and Systems
- Integrating Diverse Data
- Laser Applications
- Modeling
- Non-resolved Object Characterization
- Optical Systems
- Orbital Debris
- Small or Autonomous Telescope Systems
- Small Aperture, Wide Field of View Optical Systems
- Space-based Assets
- Space Object Conjunction Assessment (CA)
- Space Situational Awareness

\*\*\*This list is offered for guidance, and is not intended to exclude other relevant topics. If too few abstracts are received on a given topic for an oral session, the abstract may be accepted to the interactive poster session.

### Abstract Format and Submission

Submitted abstracts must report new information and not previously published or presented at a national or international scientific meeting, unless there is a substantial update of data.

We encourage submissions from international, and undergraduate and graduate students pursuing a degree in a science, technology, engineering, and math (STEM) at an accredited college or university. International and student participants will receive a reduced conference fee. The papers will be published in the 2015 AMOS Conference proceedings.

In addition, the Program Committee is pleased to announce a collaboration with the American Astronautical Society (AAS) and its Space Surveillance Technical Committee. As part of this collaboration, a selection of papers presented at the AMOS conference will be recommended for publication in the peer-reviewed AAS Journal of the Astronautical Sciences (<http://www.astronautical.org/journal>), whose scope will now be expanded to include topics relevant to space surveillance sciences and technologies.

Abstracts (300 words in length) should include:

1. Title of paper
2. Author name(s), titles, affiliations, and e-mail addresses
3. Presenting author name and short biography
4. Suggested session(s)

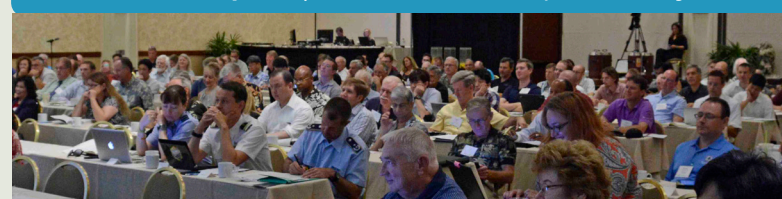
*For individuals submitting more than one abstract, if both are accepted, a co-author must present one of the papers.*

### Call for Proposals: Short Courses

Submit your proposal today! Visit the Speakers page of the conference website for details.

Submit abstracts online at [www.amostech.com](http://www.amostech.com)

Abstracts Due: April 1 | Notification of Acceptance: May 15





SEPTEMBER 15-18, 2015 | Wailea Marriott, Maui, Hawaii

Advanced Maui Optical  
and Space Surveillance  
Technologies Conference



AMOS Conference  
c/o Maui Economic Development Board, Inc.  
1305 N. Holopono Street, Suite 1  
Kihei, Hawaii 96753

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The largest optical telescope in the Department of Defense, the 3.6-meter Advanced Electro Optical System (AEOS) atop Haleakala



Showcase your organization at the AMOS Conference by becoming a sponsor. With three days of interactive discussions and networking opportunities, sponsorship increases your organization's presence at the conference and can be tailored to suit your interests. Exhibit space is available for public and private sector organizations to display products and services involving new technologies. Space is limited, so please reserve your space early.

**Sponsorship and Exhibit Opportunities**

The AMOS Conference is a program of the Maui Economic Development Board, Inc. (MEDB), a nonprofit corporation established in 1982 to focus on diversifying Maui's economy. MEDB's mission involves taking innovative actions that strengthen existing industry as well as diversifying through new opportunities.