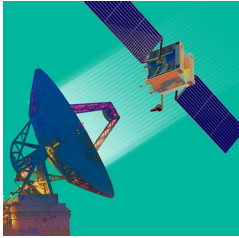


Ground System Architectures Workshop



"Expanding Access to Information"

Call for Participation

Sheraton Gateway Hotel
Los Angeles

Feb. 27 – March 1, 2012

The Ground System Architectures Workshop (GSAW), in its 16th year, provides a forum for the world's spacecraft ground system experts to collaborate with other ground system users, developers, and researchers through tutorials, presentations, working groups, and panel discussions on issues and solutions.

This year the program committee is looking for presentations covering all aspects of spacecraft ground systems, with a special focus on the challenges and opportunities of expanding access to information by a wide range of stakeholders. Sessions will address methodologies, lessons learned, business cases, and leading-edge research for topics including:

- Net-centricity and service-oriented architectures
- Architecture modeling and evaluation
- Space and ground communication architectures
- Cybersecurity and information assurance
- Situational awareness
- Virtualization and cloud computing
- Operations, sustainment, and multi-mission support
- System-of-systems integration
- Cross-mission information sharing
- Autonomy and automation
- Human factors, work load, and effectiveness
- Mission assurance and risk management
- Cost, schedule, and governance
- Off-the-shelf, open-source, and reusable components
- Rapid system development
- Compatibility and standards

Submission Details

Guidelines can be found at <http://csse.usc.edu/gsaw>.

Send unclassified submissions and inquiries to gsaw@aero.org or call 310-336-0454.

Send classified submissions and inquiries to gsaw@gwan.npa.ic.gov or call 891-2321.

Plenary Presentations

Presentations will be 15 minutes in length. Submit an abstract describing the results of your work, work in progress, or case studies relevant to one or more of the workshop's focus issues. The GSAW committee will present an award for the best presentation.

Working Groups

Working groups are collaborative discussions, four hours in length. Submit a proposal for a working group related to any of the focus issues of the workshop.

Tutorials

We are seeking proposals for full- and half-day tutorials to be held on Feb. 27, the day before the regular workshop program begins.

Unclassified Session Information

The general workshop will be held at the Sheraton Gateway Hotel in Los Angeles and will include international attendees. Plenary presentations and working group summaries will be made available on the website.

Classified Session Information

A classified session will be hosted on March 1 at The Aerospace Corporation. Presentations up to the TS/SI/TK/NOFORN classification level will be accepted. All attendees will be required to have a TS/SCI clearance.

Deadlines

- Abstracts/proposals due: **deadline extended to Oct. 17, 2011**
- Notification of acceptance: **Nov. 21, 2011**
- Accepted presentations due: **Jan. 27, 2012**

Presenters are responsible for ensuring that all submissions are cleared for presentation to their respective audiences. This workshop will be conducted in English.

Sponsoring and Cooperating Organizations

- The Aerospace Corporation
- Air Force Space Command
- Air Force Space and Missile Systems Center
- National Reconnaissance Office
- National Aeronautics and Space Administration (Goddard Space Flight Center)
- Jet Propulsion Laboratory
- University of Southern California, Center for Systems and Software Engineering
- Software Engineering Institute
- Institute for Software Research, University of California, Irvine

Visit our website at <http://csse.usc.edu/gsaw>
or <http://www.aero.org/conferences>