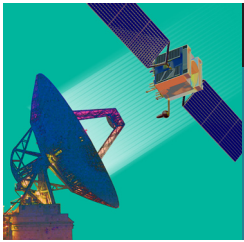


Ground System Architectures Workshop



"Innovation on the Ground"

Call for Participation

Manhattan Beach Marriott,
Manhattan Beach, Calif.

March 1–4, 2010

The Ground System Architectures Workshop (GSAW), in its 14th 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 innovative ground system architectures that can respond to user needs and deliver capabilities through creative solutions. Sessions will address methodologies, lessons learned, business cases, and advanced technologies for topics including:

- Net-centric and service-oriented architectures
- Information assurance and cybersecurity
- Operations, sustainment, and multi-mission support
- System-of-systems and horizontal integration
- Autonomy and automation for timely response
- Architecture modeling
- Human factors, work load, and effectiveness
- Mission assurance, program risk, and change management
- Off-the-shelf and open-source components and software reuse
- Space and ground communication architectures
- Leading-edge university research
- Rapid system development
- Mission planning and data analysis
- Compatibility and standards

Submission Details

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 will be four hours in length. Submit a proposal for a working group related to any of the focus issues of the workshop.

Tutorials

Full and half-day tutorials will be held on March 1, the day before the regular workshop program begins. We are seeking proposals for tutorials on topics related to this year's theme and focus issues.

Unclassified Session Information

The general workshop will be held at the Manhattan Beach Marriott and will include international attendees. Plenary presentations and working group summaries will be made available on the Web site and published on a DVD-ROM that is distributed to registered attendees.

Classified Session Information

A classified session will be hosted on March 4 at The Aerospace Corporation. Presentations up to the TS/SI/TK classification level will be accepted. All attendees will be required to have a TS/SCI clearance.

Deadlines

Abstracts/proposals due: **Oct. 19, 2009**

Notification of acceptance: **Nov. 23, 2009**

Accepted presentations due: **Feb. 8, 2010**

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

Jet Propulsion Laboratory

University of Southern California, Center for Systems and Software Engineering

Software Engineering Institute

Institute for Software Research, University of California, Irvine

National Aeronautics and Space Administration (Goddard Space Flight Center)

National Oceanic and Atmospheric Administration

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