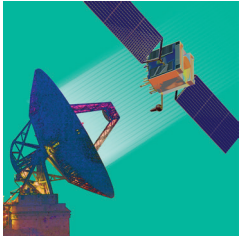


# Ground System Architectures Workshop



"Achieving the Resilient Enterprise"

## Call for Participation

Renaissance Los Angeles Airport Hotel  
Feb. 26–March 1, 2018

The 22nd annual Ground System Architectures Workshop (GSAW) provides a forum for the world's space-related ground system experts to collaborate with other ground system users, developers, and researchers through tutorials, presentations, working groups, panel discussions, and new for this year, technical exhibits.

Space-related ground systems have progressed from closed stovepipe systems to highly networked systems that are increasingly dependent on a wide variety of both heritage and commercial components. While the capability of our space systems has greatly increased, the challenges in protecting those systems from intrusion, attack, and failures are greater than ever. Advancements in technology and operational solutions are happening right now and more are sure to come. This year's theme is "Achieving the Resilient Enterprise," which addresses approaches to protecting your systems, operating them through issues, and keeping your system up-to-date. Come share your new ideas, emerging technologies, lessons learned, and roadmaps to achieving the goal of a truly resilient enterprise. The community would benefit greatly by hearing about your needs, accomplishments, progress, and plans as we move to advanced architectures and innovative capabilities for the future.

- Architecture modeling and model-based approaches
- Cybersecurity, information assurance, and resilience
- Enterprise systems and transition
- Mission assurance and risk management
- Space-ground communications
- Autonomy, automation, and intelligent systems
- Operations, fielding, and sustainment
- Situational awareness and operational innovation
- Data engineering and analytics
- Virtualization, containers, and cloud
- Mobile, lightweight, and geo-independent platforms
- Agile, crowdsourcing, and rapid system development
- Interoperability, compatibility, and standards
- Creative business and acquisition models
- Open source, off-the-shelf, and repurposing
- Cost, schedule, governance, and data rights

## Participation Opportunities

**Plenary Presentations:** Present a 15-minute talk describing your work, progress, or case studies. Award for Best Presentation.

**Working Groups:** Lead a four-hour collaborative discussion.

**Tutorials:** Instruct a half- or full-day session.

**Technical Exhibits (NEW):** Provide tabletop product literature and demonstrations to colleagues and customers.

**Open Workshop:** To be held at the hotel with an international audience. We are accepting abstracts for plenary, working groups, tutorials, evening sessions, and technical exhibits.

**Classified Session:** To be held at The Aerospace Corporation on the afternoon of March 1. We are accepting abstracts for plenary presentations only. All attendees will be required to have a TS/SCI clearance.

Proposal instructions can be found at <http://gsaw.org/cfp/guidelines/>

## Contact Info

Send unclassified submissions and questions to [gsaw@aero.org](mailto:gsaw@aero.org) or call 310-336-0454.

Send classified submissions and questions to [gsaw@gwan.npa.ic.gov](mailto:gsaw@gwan.npa.ic.gov) or call 894-3985.

## Deadlines

- Abstracts/proposals: **Oct. 23, 2017**
- Notification of acceptance: **Nov. 27, 2017**
- Accepted presentations: **Jan. 29, 2018**

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

GSAW is sponsored by The Aerospace Corporation in cooperation with:

- Air Force Space Command
- Air Force Space and Missile Systems Center
- National Reconnaissance Office
- NASA Goddard Space Flight Center
- NASA/Jet Propulsion Laboratory, California Institute of Technology
- University of Southern California, Center for Systems and Software Engineering
- Software Engineering Institute
- Institute for Software Research, University of California, Irvine
- European Space Agency
- National Oceanic and Atmospheric Administration

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