

CALL FOR PARTICIPATION

Event: February 24-27, 2025 – Renaissance Los Angeles Airport Hotel
Classified Session – February 27, 2025 – The Aerospace Corporation, El Segundo, CA
“Amplifying User Effectiveness: Automation, Augmentation, and AI/ML”

For 28 years, the Ground System Architectures Workshop (GSAW) has been a key voice for the ground systems community. The 29th annual event, GSAW 2025, invites you to discuss the theme of **“Amplifying User Effectiveness: Automation, Augmentation, and AI/ML.”**

With the growing proliferation of space-based capabilities, GSAW 2025 is particularly focused on exploring advancements in automation, augmentation, and/or artificial intelligence and machine learning technology that further the mission by making ground system users more effective. Other topics pertaining to ground system architectures are also welcomed.

Join us **in-person** for Tutorials, Working Groups, Plenary Presentations, Posters, Technical Exhibits, Evening Sessions, and Classified Sessions. This year, GSAW 2025 emphasizes face-to-face networking for the international ground systems community.

Ground system topics related to the following are of particular interest:

- Acquisition
- Agile methodologies
- Anomaly detection
- Architecture
- Assurance
- Cloud technology
- Collaboration
- Communications
- Cybersecurity
- Data-related topics (analytics, engineering, fusion, governance, integration, virtualization)
- Development planning
- DevSecOps
- Digital engineering
- Digital threads
- Digital twins
- Digital/model-based techniques
- Governance
- Innovation
- Intelligent capabilities, AI/ML
- Interoperability
- Mission management
- Mixed reality
- Operations
- Process automation
- Remote operations
- Resilience
- Risk management
- Situational awareness
- Standards
- Trending
- Trusted autonomy
- Virtualization
- User-centric design principles

We encourage you to submit abstracts by **October 21, 2024**, for the following opportunities:

Tutorial	Instruct a half- or full-day session
Plenary Presentation	Present a 15-minute talk describing your work progress, or case studies. Dr. Barry Boehm Award for Best Presentation.
Working Group	Lead a four-hour collaborative session

Poster	Present a 30" x 40" poster on display during a 2.5-hour evening event (Tuesday evening)
Technical Exhibit	Reserve a table to demonstrate your products and capabilities during a 2.5-hour evening event (Tuesday evening)
Evening Session	Lead a 2.5-hour evening session (Wednesday evening)
Classified Session Plenary Presentation	Present a 15-minute talk describing your work progress, or case studies during the Classified Session

Program Format: In-person

Location: Renaissance Los Angeles Airport Hotel

Classified Session: In-person on February 27, 2025, at The Aerospace Corporation, El Segundo, California. All attendees must possess a TS/SCI clearance and be a U.S. Citizen.

Proposal Instructions and Submission Forms: <http://gsaw.aero.org/cfp/forms>

Presentation Guidelines: <http://gsaw.aero.org/cfp/guidelines>

Submission Deadlines

- Abstracts/proposals due: October 21, 2024
- Notification of acceptance: December 2, 2024
- Accepted presentations, posters, working session slides, and tutorial slides due: January 27, 2025

GSAW is sponsored by The Aerospace Corporation in cooperation with:

- United States Space Force
- NASA/Jet Propulsion Laboratory, California Institute of Technology
- NASA Goddard Space Flight Center
- European Space Agency
- National Oceanic and Atmospheric Administration
- Software Engineering Institute
- Boehm Center for Systems and Software Engineering (CSSE)