SPONSORING AND COOPERATING ORGANIZATIONS
The Aerospace Corporation
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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
Air Force Space and Missile Systems Center

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Nestor Peccia
Head of Data System Infrastructure Division
Ground Systems Engineering Department
European Space Agency (ESA)
Matthew Barry
National Aeronautics and Space Administration
Technical Integration Lead (Software)
Constellation Program Office

SCHEDULED KEYNOTE SPEAKERS:

Lt. Gen. Michael Hamel
Commander
Air Force Space and Missile Systems Center

Nestor Peccia
Head of Data System Infrastructure Division
Ground Systems Engineering Department
European Space Agency (ESA)

Matthew Barry
National Aeronautics and Space Administration
Technical Integration Lead (Software)
Constellation Program Office

APPLICATION TECHNOLOGY TO OPERATIONAL GOALS
GSAW2006 is the tenth in a series of annual workshops that explore software and system architecture issues for spacecraft ground systems. It is the forum for the world’s spacecraft ground system experts to share issues and solutions with other ground system users, developers, and researchers through presentations, working groups, and panel discussions. GSAW2006 will highlight new ideas, lessons learned, and the identification of common solutions in the creation, application, and evaluation of architectures to meet the technological challenges of ground systems. GSAW’s affiliation with government and civilian organizations provides an unparalleled opportunity to advance the state of practice and research in architectures for spacecraft ground systems.

GSAW2006 will feature presentations covering all aspects of spacecraft ground systems with a special focus on collaboration and common solutions. Sessions will address the areas of methodologies, lessons learned, business cases and advanced technologies for topics including:

- Architectural representation and analysis
- Standards, interoperability, and systems-of-systems
- Off-the-shelf, open source components, and software reuse
- Program, risk, and change management
- System security and information assurance

- Mission assurance, test, and integration
- Transformational, net-centric, Internet, and other communication architectures
- Space and ground trades
- Operations and sustainment
- Emerging ground system technologies
- Automation and integrated services

TUTORIALS:

Ground Systems for Satellite Operations Primer & Acquisition Considerations

Information Assurance Engineering (IAE) for Space Systems

Requirements & Modeling: A Structured Approach

CCSDS Short Course

Introduction to the CMMI Acquisition Module

Evolutionary Acquisition and Spiral Development

Integrated Hardware & Software Reliability & Availability Modeling for Software Intensive Ground Systems

Software Acquisition Best Practices

From Goals to Sequences: Using Automated Planning & Scheduling Technology to Automate Spacecraft Operations

REGISTER EARLY! SPACE IS LIMITED.

General Attendance $400 $450 $150 $300
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REGISTER ONLINE AT HTTP://SUNSET.USC.EDU/GSAW/REGISTRATION.HTML

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ACCOMMODATIONS: A special rate of $100 per night is available at the Manhattan Beach Marriott. Reservations after March 13 will be subject to availability at the hotel's normal rates. Be sure to ask for the special GSAW2006 Conference rate. Call the hotel directly for reservations: 800-228-9290 or 310-546-7511

FAX: 310-939-1486

CLASSIFIED SESSION: A classified session is planned and will be hosted at The Aerospace Corporation on the afternoon of March 30. Classification level of the meetings will be TS/SI/TK. Access/clearance level to attend the classified session will be TS/SI/TK. If you will be attending the general unclassified sessions in addition to the classified session, please register on the website and then call (310) 336-0555 for instructions. If you are interested in attending ONLY the classified session, call (310) 336-0555 for instructions and DO NOT register on the website.