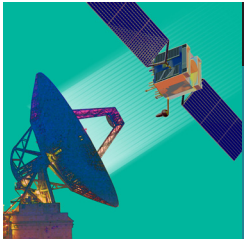


# Ground System Architectures Workshop



“Expanding Access to Information”

## Fact Sheet

<http://csse.usc.edu/gsaw>  
<http://www.aero.org/conferences>

Sheraton Gateway Hotel  
Los Angeles

**Feb. 27 – March 1, 2012**

WHAT	GSAW 2012 is the 16th annual workshop exploring software and system architecture issues for spacecraft ground systems.
WHEN/WHERE	Feb. 27 – March 1, Sheraton Gateway Hotel Los Angeles
DESCRIPTION	GSAW is a forum for spacecraft ground system experts to share issues and solutions with other ground system users, developers, and researchers through tutorials, presentations, working groups, and panel discussions. GSAW 2012 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. This year, GSAW has added a special focus on the challenges and opportunities of expanding access to information.
DETAILS	<ul style="list-style-type: none"><li>• Monday, Feb. 27, Tutorials (at additional cost)</li><li>• Tuesday – Thursday (morning), Feb. 28 – March 1, General Workshop</li><li>• Thursday (afternoon), March 1, Classified (TS//SI//TK//NOFORN) Session at The Aerospace Corporation</li></ul>
TUTORIALS	<ul style="list-style-type: none"><li>• Introduction to Department of Defense Architecture Framework (DoDAF) Version 2.0</li><li>• CyberSecurity in the Acquisition Process: The Transformed Risk Management Process</li><li>• Consultative Committee for Space Data Systems (CCSDS) Tutorial</li><li>• Advanced Technologies for Organizing and Sharing Ground System Data</li><li>• Engineering Space Systems with Off-the-Shelf (OTS) Software</li><li>• Introduction to Ground System Development</li><li>• Strategies for XML Telemetry and Command Exchange (XTCE)</li><li>• Robust Software Testing</li><li>• Using Open Source Software in Ground Systems</li><li>• Introduction to Satellite Communications</li></ul>
CONFERENCE REGISTRATION	Registration now open — Early Bird Registration through Feb. 6. Register online at <a href="http://csse.usc.edu/gsaw">http://csse.usc.edu/gsaw</a> or <a href="http://www.aero.org/conferences">http://www.aero.org/conferences</a> For further information, send email to <a href="mailto:gsaw@aero.org">gsaw@aero.org</a> or call 310-336-0454.

### SCHEDULED SPEAKERS

#### Keynote Speakers

**Lt. Gen. Ellen Pawlikowski**  
Commander  
Air Force Space and Missile Systems Center

**Dawn Meyerriecks**  
Assistant Director of National Intelligence for Acquisition, Technology, and Facilities  
Office of the Director of National Intelligence

**Dr. Willie Krenz**  
Vice President and Chief Information Officer  
The Aerospace Corporation

#### Classified Session Keynote

**Jan Janssen**  
Director, Ground Enterprise Directorate  
National Reconnaissance Office

#### Panelists

**John Couluris**  
Director, Launch and Mission Operations  
SpaceX

**Daniel Crichton**  
Program Manager  
NASA Jet Propulsion Laboratory

**Judy Gonce**  
Chief, Information Protection and International Directorate, Air Force Space and Missile Systems Center

**Lt. Col. Todd Hoover**  
Commander, Space Operations Squadron and Deputy Chief, Operations Division  
Aerospace Data Facility-East (NRO)

**Nestor Peccia**  
Head of Data Systems Infrastructure Division,  
European Space Operations Center, European Space Agency

**Dr. Trevor Sorensen**  
Project Manager, Hawaii Space Flight Laboratory, University of Hawaii at Manoa

#### Featured Lunchtime Speaker Feb. 28

**Jill T. Singer**  
Chief Information Officer  
National Reconnaissance Office