

# Space Systems Risk Management Symposium



"What Works–What Doesn't"

## Fact Sheet

The Aerospace Corporation  
El Segundo, Calif.

April 6-8, 2010

WHAT	Space Systems Risk Management 2010, Eighth National Symposium.
THEME	"What Works – What Doesn't"
WHERE/ WHEN	The Aerospace Corporation, El Segundo, Calif., April 6-8, 2010
WHO	Decision-makers, senior management, program managers, operation managers, and risk-management leaders and practitioners from the space sectors of defense, government, industry, and academia.
GOALS	Provide a forum for sharing best practices, lessons learned, new acquisition policies, initiatives, methods and tools to enhance space system risk management for acquisition, development, and sustainment. Focus on program and mission assurance implementation from the early acquisition and design through critical execution stages and sustainment with emphasis on risk prevention and mitigation strategies as the necessary ingredients for mission success.
ELEMENTS	This is the eighth national symposium and will focus on the necessary ingredients for mission assurance and safety concentrating on prevention and risk mitigation strategies from early acquisition and design through operations and sustainment. Learn from the leaders and practitioners from defense, government, industry, and academia about best practices, lessons learned, new acquisition policies, initiatives, methods and tools to enhance system engineering and manage risk inherent in space systems acquisition, development and execution. The symposium will include nationally recognized speakers, technical presentations, expert panels, workshops, tutorials, and networking sessions.

## Agenda

Tuesday, April 6, 2010	Wednesday, April 7, 2010	Thursday, April 8, 2010
<p>Tutorials presented by experts from Aerospace, NASA, and academia</p> <p>Six four-hour tutorials, AM and PM sessions</p>	<ul style="list-style-type: none"> <li>• Keynote &amp; Invited Speakers</li> <li>• Technical Sessions</li> <li>• Panel Discussions</li> <li>• Luncheon Speaker</li> <li>• Evening Reception</li> </ul>	<ul style="list-style-type: none"> <li>• Keynote Speaker</li> <li>• Executive Panel</li> <li>• Technical Sessions</li> <li>• Luncheon Speaker</li> <li>• Evening Workshop</li> </ul>

(over)



## Registration

Early (Before March 1, 2010)	Regular (March 1 through April 8, 2010)	Students, Uniformed Military	Tutorials
\$ 300	\$ 350	\$ 150	\$ 150

## Symposium Sponsoring and Cooperating Organizations

The Aerospace Corporation, the U.S. Air Force Space and Missile Systems Center, and NASA

## Symposium Planning

Senior Leadership	Program Chairs	Tutorial Chair
<p><b>William Tosney</b> The Aerospace Corporation</p> <p><b>Dr. Michael Stamatelatos</b> NASA</p> <p><b>Col. David Swanson</b> Air Force SMC</p> <p><b>Thomas Fitzgerald</b> Air Force SMC</p>	<p><b>Gail Johnson-Roth</b> The Aerospace Corporation</p> <p><b>Dr. Sergio Guarro</b> The Aerospace Corporation</p> <p><b>Dr. William Vesely</b> NASA</p> <p><b>Dr. Homayoon Dezfuli</b> NASA</p> <p><b>Lynn Baroff</b> California Space Education and Workforce Institute</p>	<p><b>Dr. Jean Marie Baer</b> The Aerospace Corporation</p>

## Symposium Structure

### Keynote/Invited Speakers:

- Air Force Space and Missile Systems Center
- National Reconnaissance Office
- National Aeronautics and Space Administration
- Space Systems Company Executives
- Academia
- The Aerospace Corporation

**Executive Panel Discussion:** Distinguished leaders from industry, government, and academia

**Luncheon Speakers:** Risk focus speakers from outside the space community

**Technical Sessions:** Technical Presentations and Expert Panels

**Tutorials:** A full day of tutorials with focus on risk management. Tutorials are four hours in length. Parallel sessions of different topics offered in the morning and afternoon. Topics include: *Risk Management and Assessment Fundamentals*; *Overview of Probabilistic Risk Assessment and Its Role in Risk-informed Decision Making*; *Using Evidence and Risk to Enable Successful System Acquisitions*; *Space Vehicle Reliability Engineering*; *Software Technology Readiness Assessment for National Security Space Programs*; and *Decision Theory Applied to Quantitative Risk Management*.

**Symposium Receptions:** Networking Opportunities, Gourmet Refreshments

[www.aero.org/conferences/riskmgmt/](http://www.aero.org/conferences/riskmgmt/)