

# The Future of SYSTEMS ARCHITECTING and ENGINEERING Symposium

Sponsored by:

**JACMET (Joint Alliance of Companies  
Managing Education for Technology)**

and the

**University of Arizona**

**Engineering Professional Development Department**

**Friday, November 9, 2007**

**8:30 a.m. – 4:30 p.m.**

*Arizona Golf Resort, 425 South Power Road, Mesa, Arizona*

*(www.azgolfresort.com; 800-528-8282)*

## TENTATIVE AGENDA

- 8:00 a.m. **Registration and Continental Breakfast**
- 8:30 a.m. **Introductions** – *Ron Thomas*, Raytheon Missile Systems, Engineering Learning Manager & JACMET Design LCT and Technical Advisory Board Chair
- 8:45 a.m. **Keynote: "Mission Systems Architecture—What the Customer Really Needs"** – *Mark Hall*, Raytheon Missile Systems, Chief Systems Architect and Systems Architecture Department Manager; retired U.S. Air Force
- 9:30 a.m. **"Systems Engineering: From a Life Cycle Perspective, Disciplined Application of the SE Processes at Each Product Life Cycle Phase and Associated Lessons Learned/Opportunities"** – *John Groenenboom*, Boeing Rotorcraft, Director of Systems Engineering
- 10:00 a.m. *Break*
- 10:15 a.m. **"System of Systems Architecting: Can we design for emergent system behaviors?"** – *Dr. Cihan Dagli*, University of Missouri-Rolla, Systems Engineering Program Director
- 10:45 a.m. **"System Architecting and Engineering"** – *Dr. K. Larry Head*, University of Arizona, Systems and Industrial Engineering Department Head
- 11:15 a.m. **"System Architecting"** – *Dr. Stan Settles*, University of Southern California, Systems Architecting and Engineering Program Director and Epstein Department Associate Chair
- 11:45 a.m. **Lunch** (included with registration fee)
- 12:15 p.m. **"INCOSE (International Council of Systems Engineering): System Architecting Opportunities"** – *Carl Landrum*, INCOSE Corporate Advisory Board member for Honeywell and Engineering Leader for Maintenance Systems, On and Off Board for Honeywell Aerospace
- 12:45 p.m. **"COSYSMO (Constructive Systems Engineering Cost Model) Overview"** – *Dr. Ricardo Valerdi*, Massachusetts Institute of Technology, Lean Aerospace Initiative Research Associate and Engineering Systems Division Lecturer
- 1:30 p.m. **"OMG SysML™ (Object Management Group Systems Modeling Language) Overview"** – *Paula Obeid*, Embedded Plus, President
- 2:00 p.m. *Break*
- 2:15 p.m. **Breakout Sessions: Webinars, COSYSMO Applied, Master of Science in Engineering Education**
- 3:15 p.m. **Panel Discussion**
- 4:00 p.m. **Wrap-up: Educational Opportunities; Evaluations**

To register, visit  
[www.poly.asu.edu/jacmet](http://www.poly.asu.edu/jacmet) or  
call 480-727-1519.

**Registration fee:** \$99/person for JACMET members, \$125/person for non-members; **Registration deadline** is October 25, 2007.

