

# RTES Forum Agenda, InterContinental Hotel, Chicago, IL 21-25 July 2008

- **Monday-Tuesday, 21-22 July** -- Dependability through Assuredness, With a focus on Claims, Evidence and Argument. What claims do we need to make about Mission-Critical systems, and what evidence and arguments can support those claims?
  - Formal Methods – Tool Vendors – Tool Integration – Requirements – Going Forward
- **Wednesday Morning, 23 July** – Plenary-- Architecting Secure Information Delivery -- [www.opengroup.org/events/q308/program.htm](http://www.opengroup.org/events/q308/program.htm)
- **Wednesday Afternoon/Thursday Morning, 23-24 July** -- Break-out track with a focus on High Confidence for Critical Solutions – Going Forward
- **Thursday Afternoon – Friday Morning , 24-25 July**– Architecting to the Edge – with a focus on real world applications.
- **JSR 302 SC Java Expert Group meeting 22-25 July** -- A parallel session. **Please note: The JSR 302 Expert Group meeting is by invitation only. If you have a need to attend the JSR 302 Expert Group session please contact Doug Locke, [d.locke@opengroup.org](mailto:d.locke@opengroup.org)**

As of 17 July 08 – look for update COB on 19 July 08

# Dependability through Assuredness

- **Monday- 21 July** -- With a focus on Claims, Evidence and Argument. What claims do we need to make about Mission-Critical systems, and what evidence and arguments can support those claims?
  - Formal Methods
    - 0900-0930 Introduction - Joe Bergmann, The Open Group
    - 0930-1030 Sufficient Evidence - John Rushby, SRI
    - 1030-1100 Break
    - 1100-1145 Verifying Security Properties – Professor Aravinda Sistla, University of Illinois at Chicago
    - 1145-1230 Verification Using Formal Methods - Professor Lenore Zuck, University of Illinois at Chicago
    - 1230-1330 Lunch
  - Tools
    - 1330-1430 Fortify - Stewart Wright
    - 1430-1530 Servoy - Yvo Boom
    - 1530-1600 Break
    - 1600-1700 Coverity – Caroline Alexander (TBC)
  - Tool Integration
    - 1700-1800 KDM/OMG Project - Dr Nickolai Mansourov, CTO – KDM Analytics

# Dependability through Assuredness (con't)

- **Tuesday, 22 July** -- With a focus on Claims, Evidence and Argument. What claims do we need to make about Mission-Critical systems, and what evidence and arguments can support those claims?
  - Requirements
    - 0900-0930 The Business Case - Edwin Lee, Raytheon
    - 0930-1000 Perspective from Japan - Jack Fujieda, CEO & President, ReGiis Inc
    - 1000-1030 Dependability-Driven Development – Matt Barry, Kestrel Technologies
    - 1030-1100 Break
    - 1100-1200 Pacemaker Challenge – Professor Mark Lawford, McMaster University
    - 1200-1245 Medical Devices – Jon Krueger (TBC), Boston Scientific
    - 1245-1400 Lunch
  - Going Forward
    - 1400-1700 Discussion on Going Forward with the Dependability through Assuredness Activity – Moderator Rance DeLong, LynuxWorks

- **Wednesday Morning, 23 July --**  
Architecting Secure Information Delivery --  
<http://www.opengroup.org/events/q308/program.htm>

# Wednesday Afternoon and Thursday Morning, 23-24 July

## High Confidence for Critical Solutions

- AFRL Update – Wilmar Sifre
- Demo Activities – Ben Calloni
- View from the Pentagon – Susan Alexandria
- Formalizing the MILS Architecture Essentials – What is MILS? – Michael McEvilley
- Issues in Trusted Distribution/Delivery of MILS Architecture Components – Rance DeLong
- Tool Development via SBIR – Wilmar Sifre & TBA
- Commercial Certification for MILS Architecture Components – Joe Bergmann
- Taking the MILS Architecture to Segments of the Enterprise – TBA
- UNIX and the MILS Architecture – TBA
- Developing a Pilot Project – TBA
- Planning for Munich in October and San Diego in January 2009

- **Thursday Afternoon – Friday Morning ,  
24-25 July**– Architecting to the Edge –  
with a focus on supporting Navy OA