

# RTES FORUM LONDON AGENDA

27-30 April 2009

This is an optional session

A WebEx with the SAE Architecture Analysis and Design Language (AADL)

Folks from their meeting in the Netherlands

The Open Group, Real-Time Embedded Systems Forum

**Monday 27 April 09, London, UK**

The Real-Time Embedded Systems [RTES] Forum of The Open Group has arranged to have a WebEx with the SAE AADL Working Group -- User Day Presentations, Tool Demos, and Research Program Reports

0830-0900	Peter Feiler, SEI	Real-Time Software/System Development Issues w Cost Impact-
0900-0930	Bruce Lewis, US Army	AADL and Model-Based Engineering Concepts w Reasons for Impact
0930-1000	Eric Conquet, European Space Agency (ESA), Maxime Perrotin, ESA	ASSERT System Engineers (No Coding) Toolset and Process
1000- 1015	Break	
1015- 1100	Peter Feiler, SEI, Bruce Lewis, US Army	System Architecture Virtual Integration (SAVI) Demo An aviation industry consortium demonstration by Boeing, Airbus, Lockheed Martin, BAE Systems, GE, Rockwell Collins, FAA, DoD, and SEI demonstrating feasibility of model based acquisition and virtual integration with incremental, multi-dimensional quantitative modeling and analysis supporting verification and validation.
1100- 1130	Peter Feiler, SEI	NASA Study on Model Based Software Quality Assurance w AADL
1130- 1200	Pierre Gauffillet, Airbus, Pierre Dissaux, Ellidis	Support for Predictable Integration of mission Critical Embedded Systems (SPICES) Toolsets and Process
	No other RTES Forum sessions today	

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As of 29 April 2009, 0600 hours

POC Joe Bergmann, GSM +1 610-573-9262

Subject to being updated.

# RTES FORUM LONDON AGENDA

Multiple Independent Levels of Security (MILS)  
The Open Group, Real-Time Embedded Systems Forum  
**Tuesday 28 April 2009, London, UK**

0900-1000	Ben Calloni, Lockheed Martin	Introduction MILS
1000-1030	Rance DeLong, SRI / Raytheon	MILS Architectures Based Upon Heterogeneous Resource Types
1015-1045	Break	
1045-1130	John Rushby, SRI	MILS Integration Approach to Secure Information Sharing
1130-1200	Rance DeLong, SRI / Raytheon	Update on the Common Criteria Authoring Environment
1200-1230	Rance DeLong, LynuxWorks	LynuxWorks security presentation
1230-1400	Lunch	
1400-1445	Alex Wilson, Wind River	Wind River security presentation
1445-1530	John Launchbury	MILS File Server
1530-1600	Break	
1600-1630	Joe Jacob, Objective Interface	Middleware
1630-1730	Joe Bergmann et al,	CyberSecurity

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**JSR 302 Expert Group -- Safety Critical Java** -- Expected to meet 28-30 April 09 in The Open Group Office, Reading, UK. For details contact Doug Locke, Expert Group lead. [doug@douglocke.com](mailto:doug@douglocke.com)

As of 29 April 2009, 0600 hours  
POC Joe Bergmann, GSM +1 610-573-9262  
Subject to being updated.

# RTES FORUM LONDON AGENDA

“Dependability through Assuredness™”

The Open Group, Real-Time Embedded Systems Forum

**Wednesday 29 April 2009, London, UK**

0900-0945	Jess Irwin, Northrop Grumman	Attaining High Assurance in Composed Systems
0945-1015	John Launchbury, Galois	Trust Policies
1015-1030	Break	
1030-1115	John Rushby, SRI	Safety Analysis of Abstract Designs
1115-1230	George Cleland, Adelard	Assurance
1230-1400	Lunch	
1400-1445	Alex Wilson, Wind River	Safety Critical
1445-1515	Joe Bergmann	Introduction – RTES Forum/ Dependability through Assuredness
1515-1545	Break	
1545-1630	Rance DeLong, LynuxWorks	The Mixed-Criticality Cyber-Physical Systems Initiative
1630-1730	John Rushby	Safety, Fault-tolerance, Verification, and Certification for Embedded Systems

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As of 29 April 2009, 0600 hours

POC Joe Bergmann, GSM +1 610-573-9262

Subject to being updated.

# RTES FORUM LONDON AGENDA

“Dependability through Assuredness™”  
and RTES Forum Members Meeting  
The Open Group, Real-Time Embedded Systems Forum  
**Thursday 30 April 2009, London, UK**

0900-0930	Jess Irwin, Northrop Grumman	Countering Obsolescence via High Assurance
0930-1015	John Rushby, SRI	Reliability of Possibly Perfect Monitors
1015-1045	Break	
1045-1130	Tim Kelly, University of York	Assurance
1130-1200	Doug Locke, Doug Locke, LLC	JSR 302 Update
1200-1230	Jack Fujieda, Re-GIS	Prospective from Japan
1230-1400	Lunch	
1400-1730	Glen Logan, American Systems et al.	RTES Forum Members Meeting via WebEx

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No Meeting for the RTES Forum on Friday – 1 May 09

As of 29 April 2009, 0600 hours  
POC Joe Bergmann, GSM +1 610-573-9262  
Subject to being updated.