



# Register now to the 13th SDL Forum Design for Dependable Systems

18<sup>th</sup> September to 21<sup>st</sup> September, 2007, Paris, France

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The SDL Forum is held every 2 years and is one of the most important events for anyone involved in System Design Languages and modeling technologies such as **SysML**, **UML**, **SDL**, **AADL**, **Model Driven Engineering**, and **Testing**. The conference will focus on "Design for Dependable Systems" and includes tutorials, industrial experiences, research papers, and social events in Paris from the 18th to the 21st of September 2007.

## Tutorials

The following topics will be covered during short tutorials:

- **SysML**: Systems Modeling Language by Philippe Desfray from Softeam
- **AADL**: Architecture Analysis and Design Language by Jean-François Tilman from Axlog
- **MARTE**: An OMG UML profile to develop real-time and embedded systems by Laurent Rioux from Thales Research & Technologies
- **DO178 / ED12 (B&C)** and Model Based Development and Verification by Hugues Bonnin from CS
- **SDL-RT**: A combination of UML, SDL, and C/C++ by Eric Brunel from PragmaDev
- **Z.109**: An ITU UML profile to develop telecommunication and embedded systems based on SDL

## Papers

The accepted papers that will be presented during the conference are:

- Experiences in Deploying Model-Driven Engineering
- Formal Verification of Use Case Maps with Real Time Extensions
- OpenComRTOS: An ultra-small network centric embedded RTOS designed using formal modeling
- Model Driven development and code generation: an automotive case study
- Testing UML2.0 Models using TTCN-3 and the UML2.0 Testing Profile
- Consistency of UML/SPT Models
- SDL Design and Performance Evaluation of a Mobility Management Technique for 3GPP LTE systems
- Automated Generation of Micro Protocol Descriptions from SDL Design Specifications
- Using probabilist models for studying realistic systems: a case study of Pastry
- A Model-based Standard for SDL
- Translatable Finite State Time Machine
- TTCN-3 Quality Engineering: Using Learning Techniques to Evaluate Metric Sets
- Synthesizing Components with Sessions from Collaboration-Oriented Service Specifications
- Experiences in using the SOMT method to support the design and implementation of a network simulator
- Enhanced Use Case Map Traversal Semantics
- Using TTCN for Radio Conformance Test Systems
- Specifying Input Port Bounds in SDL

## Social events

The Forum is an excellent opportunity to expand its network during the social events:

- Dinner at the Altitude 95 restaurant on the first floor of the **Eiffel tower** followed by a short tour on a peniche
- Guided tour of the **Orsay museum** followed by a dinner at the museum's restaurant



More information on the event can be found on <http://www.pragmadev.com/sdl07/>