Register now to the 13th SDL Forum

Design for Dependable Systems

18th September to 21st September, 2007, Paris, France

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
- **D0178 / 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/](http://www.pragmadev.com/sdl07/)