Workshop on the Definition, evaluation, and exploitation of modelling and computing standards for Real-Time Embedded Systems. June 30, 2009. Dublin, Ireland

Advanced Program

9:15 Welcome

9:30 Session 1: Standards and Model Based Engineering

On the integration of application domains and scientific bodies of knowledge into Model Driven Engineering
Eric Miotto and Tullio Vardanega

RT-D&C: A real-time extension of the OMG's Deployment and Configuration Specification
Patricia López Martínez, César Cuevas and José M. Drake

10:30 Break

11:00 Session 2: Modeling for the automotive domain

Timing Augmented Description Language
Hans Blom, Rolf Johansson, and Henrik Lönn

On the Expressive Power of Modeling Languages for Enabling Timing Analysis of Automotive Applications
Saoussen Ansi1, Huascar Espinoza, Arnaud Albinet, Sébastien Gérard, and François Terrier

Harmonizing MARTE, EAST-ADL2, and AUTOSAR to Improve the Modelling of Automotive Systems
Huascar Espinoza, Sébastien Gérard, Henrik Lönn, and Ramin Tavakoli Kolagari

12:30 Lunch

14:00 Session 3: Exploiting Modelling Standards

Modelling Composite End-to-End Flows with AADL
Naeem Muhammad, Yves Vandewoude, Yolande Berbers, and Sjir van Loo

SystemC executable specification of the MARTE generic concurrent and communication resources under different Models of Computation
Pablo Peñil, Eugenio Villar, Héctor Posadas, and Julio Medina,

15:00 Break

15:30 Session 4: Presentation of Projects addressing standards in the embedded domain.

ADAMS, François Terrier
ASSERT, Tullio Vardanega
PROSE, Laurent Rioux (or some other representative of THALES)
SATURN, Eugenio Villar
TIMMO, (TBD)

17:30 Closing