7th SAM
(Sᴛsᴛᴇᴍ Aɴᴀʟʏsɪs ᴀɴᴅ Mᴏᴅᴇʟʟɪɴɢ) Workshop

1st-2nd October 2012, Innsbruck, Austria

Call for Papers SAM Workshop 2012

The Systems Analysis and Modeling (SAM) workshop provides an open arena for participants from academia and industry to present and discuss the most recent innovations, trends, experiences and concerns in modeling, specification, and analysis of distributed, communication and real-time systems using System Design Languages (SDL): that is, the ITU Specification and Description Language (incl. Message Sequence Charts) and related languages such as UML, ASN.1, TTCN-3, and URN.

The SAM workshop originates from the use of languages and techniques for telecommunications applications, whereas MODELS has a background in the application of UML. However, UML is also used for telecommunications, and the languages standardized by ITU-T (ASN.1, SDL-2010, TTCN-3, URN) are also used for other applications. The 2012 MODELS conference week is a unique opportunity to attend both of these events with overlapping domains of interest.

Scope

The 2012 edition of the workshop will cover the following non-exclusive list of topics:

- **Language development**
    - o domain-specific languages and language extensions
    - o standardization of language profiles
    - o evolution of language standards
    - o modular language design
    - o semantics
    - o evaluation of languages
    - o real-time
    - o performance
- **Model-driven development**
    - o systems engineering, including embedded systems and Internet of Things
    - o analysis and simulation of models
    - o product lines and reuse approaches
    - o systematic testing
    - o model transformations
- **Application of SDL (Specification and Description Language, Message Sequence Charts, UML, SysML, ASN.1, TTCN-3, URN …)**
    - o industrial usage reports
    - o standardization activities
    - o experiences from education
    - o domain-specific applicability (e.g., in automotive, aerospace, telecommunication)
- **Tool support**

Important dates

10. August 2012	SAM2012 Paper Deadline
22. August 2012	SAM2012 Review deadline
31. August 2012	SAM2012 Author notification
21. September 2012	SAM 2012 Final version before workshop
1-2. October 2012	SAM2012 venue
1. December 2012	SAM2012 Camera-ready for Springer LNCS

Submission

Submission will be done electronically with the EDAS system.

Paper size is limited to 16 pages LNCS style.

Publication

It has been agreed with Springer to continue to continue our series of SAM proceedings as post-event proceedings in the LNCS series.

For the workshop the preliminary papers will be made available electronically, but no paper copies will be printed.

Organizing committee

Øystein Haugen, SINTEF, Program Chair

Reinhard Gotzhein, TU Kaiserslautern

Rick Reed, SDL Forum Society Chairman

Call for papers as Microsoft Word document

http://sdl-forum.org/Events/SAM2012/SAM2012cfp.doc

Call for papers as PDF document

http://sdl-forum.org/Events/SAM2012/SAM2012cfp.PDF

Web site for SAM2012

http://sdl-forum.org/Events/SAM2012/index.html