



8th SAM Conference (System Analysis and Modelling) *Models and Reusability*



September 29th-30th, 2014, Valencia, Spain

Call for Papers – SAM 2014 Conference

The System Analysis and Modeling (SAM) conference 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 ITU-T's Specification and Description Language (SDL) and Message Sequence Charts (MSC), as well as related system design languages (including but not limited to UML, ASN.1, TTCN, SysML and URN).

The SAM conference 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, MSC, TTCN-3, URN) are also used for other applications. The 2014 MODELS conference week is a unique opportunity to attend both of these events with overlapping domains of interest.

Theme: Models and Reusability

Model reuse is a powerful concept defined as the process of creating new models using existing model artefacts. To make model reuse applicable, reusing an artefact should be easier than constructing it from scratch. This entails that the reusable artefacts are easy to understand, find and apply. Commonly reusable artefacts include classes, components, patterns, frameworks and services, and emerging ones include product lines, aspects and concerns. SAM 2014 invites contributions related to the reuse of model artefacts and the design of reusable artefacts for ITU-T languages and other related system design languages.

Scope

The 2014 edition of the conference will cover the following non-exhaustive list of topics:

- **Models and reusability:** design of reusable models artefacts; reuse of model artefacts; characteristics of reusable artefacts; experiences in model reusability with various languages in different domains; tools supporting models and reusability.
- **Language development:** domain-specific languages and language extensions; standardization of language profiles; evolution of language standards; modular language design; semantics; evaluation of languages; languages for real-time systems; performance and other non-functional properties
- **Model-driven development:** systems engineering; analysis and transformation of models; verification and validation of models; simulation; systematic testing based on and applied to models; tool support.
- **Applications:**
 - Using Specification and Description Language, Message Sequence Charts, UML, SysML, ASN.1, TTCN-3, URN, and related languages
 - Industrial usage reports; experiences from education; domain-specific applicability (e.g., in automotive, aerospace, telecommunication, process automation and healthcare); methodologies for applications.

- Application reports should focus on what is effective (and ineffective) in applying a technique preferably backed up by some measurements. A report should not just describe an implementation, though new application areas are of interest.

Important dates

Abstract submission:	May 26 th , 2014
Abstract and paper submission deadline:	June 2 nd , 2014
Notification of acceptance:	June 23 rd , 2014
Camera-ready version deadline:	July 7 th , 2014
SAM 2014 Conference:	September 29 th – 30 th , 2014

Submission

Submissions must be previously unpublished, written in English, no longer than 16 pages (including illustrations and bibliography) and using the LNCS style as described on <http://www.springer.com/lncs> [Author and Editor Guidelines](#). Authors are strongly encouraged to use the LaTeX version of the template. Papers accepted or under review for other events are ineligible for submission to SAM 2014. Submissions in the following categories are solicited:

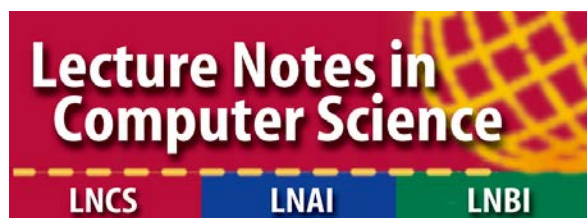
- Full papers describing original, unpublished results (max. 16 pages in LNCS style)
- Short papers, describing work in progress (max. 8 pages in LNCS style)

Submission will be done electronically with the EasyChair system.

Publication

The SAM 2014 Program Committee will evaluate the technical contribution of each submission as well as its accessibility to the audience. Papers will be judged on significance, originality, substance, correctness and clarity.

As in previous editions, the SAM 2014 proceedings will be published in the well-known [Springer Lecture Notes in Computer Science \(LNCS\)](#) series.



Publishers of the proceedings for
[SAM2012 - LNCS7744](#);
[SAM2010 - LNCS6598](#); [SAM2006 - LNCS4320](#);
[SAM2004 - LNCS3319](#); [SAM2002 - LNCS2599](#).

Accepted papers must be presented at SAM 2014 by one of the authors. A full SAM 2014 conference registration is required for each accepted paper. It is not possible to cover more than one paper with the same registration. Failure to register before the early registration deadline or present the paper at the conference will result in the paper being removed from the proceedings.

Organizing Committee

Daniel Amyot, University of Ottawa, Program Co-Chair
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To be announced later.

Call for papers Microsoft Word <http://sdl-forum.org/Events/SAM2014/SAM2014cfp.doc>

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Web site for SAM2014 <http://sdl-forum.org/Events/SAM2014/index.html>