



7th SAM (System Analysis and Modelling) 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**
 - domain-specific languages and language extensions
 - standardization of language profiles
 - evolution of language standards
 - modular language design
 - semantics
 - evaluation of languages
 - real-time
 - performance
- **Model-driven development**
 - systems engineering, including embedded systems and Internet of Things
 - analysis and simulation of models
 - product lines and reuse approaches
 - systematic testing
 - model transformations
- **Application of SDL (Specification and Description Language, Message Sequence Charts, UML, SysML, ASN.1, TTCN-3, URN ...)**
 - industrial usage reports
 - standardization activities
 - experiences from education
 - 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	SAM2012 Final version before workshop
1-2. October 2012	SAM2012 Workshop at Innsbruck
1. December 2012	SAM2012 Camera-ready for Springer LNCS

Submission

Submission should be done electronically with the [EDAS System \(https://edas.info/newPaper.php?c=12071\)](https://edas.info/newPaper.php?c=12071). Paper size is limited to 16 pages LNCS Style (see [LNCS author guidelines](http://www.springer.com/computer/lncs?SGWID=0-164-6-793341-0) within [Information for LNCS Authors at http://www.springer.com/computer/lncs?SGWID=0-164-6-793341-0](http://www.springer.com/computer/lncs?SGWID=0-164-6-793341-0)).

At least one author of an accepted paper has to attend SAM2012 and present the paper.

Publication

SAM2012 will continue the SAM post-event series in [LNCS \(http://www.springer.com/lncs\)](http://www.springer.com/lncs).



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

For the workshop the preliminary papers will be available electronically, but no paper copies will be printed. After the workshop, it is expected authors update papers to take into account workshop comments. There will be a short second review prior to sending papers to Springer, to ensure the papers are fit for publication. Therefore, though it is intended to publish every paper, presentation does not guarantee publication.

Venue and integration with [MODELS 2012 \(http://www.modelsconference.org/\)](http://www.modelsconference.org/)

SAM2012 is integrated with MODELS 2012 and shares part of the MODELS 2012 venue:

[Congress Centre Innsbruck \(http://www.cmi.at/index.php/home-1226.html\)](http://www.cmi.at/index.php/home-1226.html).

Participants need to register separately for SAM2012 for costing purposes, in all other respects SAM2012 is treated in the same way as MODELS 2012 workshops, and participants are free also to attend the other workshops. Register at http://models2012.info/index.php?option=com_content&view=article&id=37.

Members of the SDL Forum Society (as of 1st May 2012), ACM or IEEE Computer Society are entitled to the same discounts to SAM2012 and MODELS. See the registration link for fees.

Organizing committee

Øystein Haugen (Program Chair), SINTEF

Reinhard Gotzhein, TU Kaiserslautern

Rick Reed (SDL Forum Society Chairman), TSE

Programme committee

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Peter Herrmann, NTNU

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Ferhat Khendek, Concordia Uni.

Laurent Rioux, Thales

Anders Ek, IBM Rational

Tae-Hyong Kim, Kumoh NIT

Manuel Rodriguez-Cayetano, Valladolid Uni.

Stein-Erik Ellevseth, ABB

Alexander Kraas, T-Systems International

Nicolas Rouquette, NASA

Martin Euchner, ITU-T

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Thomas Kuhn, Fraunhofer IESE

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Emmanuel Gaudin, PragmaDev

Anna Medve, Pannonia Uni.

Bran Selic, Malina Software

Birgit Geppert, Avaya Labs

Pedro Merino, Málaga Uni.

Edel Sherratt, Aberwystwyth Uni.

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Thomas Weigert, Missouri Uni.

Jens Grabowski, Göttingen Uni.

Os Monkewich, Sympatico

Frank Weil, Uniquesoft

Peter Graubmann, Siemens

Gunter Mussbacher, Carleton Uni.

Øystein Haugen, SINTEF

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[Call for papers as PDF document \(http://sdl-forum.org/Events/SAM2012/SAM2012cfp.PDF\)](http://sdl-forum.org/Events/SAM2012/SAM2012cfp.PDF)

[Web site for SAM2012 \(http://sdl-forum.org/Events/SAM2012/index.html\)](http://sdl-forum.org/Events/SAM2012/index.html)