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University of Ottawa, SDL Forum Society, and ITU-T

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Contacts

All queries to the Organizing Committee should be sent to:
sam2004org@sdll-forum.org

Detailed Call For Papers

<http://www.site.uottawa.ca/sam04/>

Fourth SDL and MSC Workshop



CALL FOR PAPERS

2nd June to 4th June, 2004, Ottawa, Canada.

<http://www.site.uottawa.ca/sam04/>

Sponsors: University of Ottawa, SDL Forum Society, ITU-T, SOLINET, and Telelogic

The SDL and MSC (SAM) workshop provides an open discussion arena in the year between SDL Forums, which are held every two years. It addresses topics related to the modelling and analysis of reactive systems, distributed systems, and real-time systems (e.g. telecommunications, automotive, aerospace, Web-based applications). This fourth instance of the workshop will emphasize Security Analysis and Modelling and will include:

- invited speakers
- presentation of research and industrial papers
- tutorials (1st June)
- posters
- tool demonstrations
- excellent networking opportunities

The intended audience includes users of modelling techniques (in industrial and standardization contexts), tool vendors, researchers, and SDL Forum members.

Being a less formal event than the biennial SDL Forum, the SAM workshop is a place for intensive discussions enabling the unfolding of ideas for the future development and application of SDL and MSC, and of related languages: ASN.1, eODL, TTCN, UML, and URN (GRL and UCM). Participants are invited to contribute topics for discussion. Poster presentations and tool demonstrations are also warmly welcomed. As with the previous SAM workshop, the proceedings will be published in a book by a major international publisher (Springer's Lecture Notes in Computer Science — LNCS, <http://www.springer.de/comp/lncs>) after the event.

Topics

The workshop will focus on the topics listed below. However, contributions extending beyond this list and addressing other issues related to modelling languages and techniques (ASN.1, eODL, MSC, SDL, TTCN, UML, and URN) and applications to traditional areas (e.g. telecommunications) will also be welcomed.

- **Security:** Languages, notations, and techniques for the modelling and analysis of security concerns and features; Evolving models to address security issues.
- **Emerging application areas:** Applications of UML and ITU-T languages to the automotive, aerospace, hardware, Web-centric, and new telecommunication contexts.
- **Evolution of languages and notations** for requirements, design, testing, analysis, and reverse-engineering: New language constructs and semantics; Evolution of standards; Evaluations of languages/notations; Time, performance, security, and other non-functional aspects; Languages to define language constructs and semantics; Language and notation interoperability.
- **Model-driven development:** Systems engineering; Model analysis; Model transformations; Reuse approaches; Systematic testing; Tool support;
- **New research, industrial, and standardization issues** regarding system analysis and modelling.

Submissions

Original submissions should not exceed 15 pages (on A4 size paper), and use the LNCS style or 12 pitch in a common font such as Times. Preliminary results on original approaches and well as industrial contributions (e.g. case studies and lessons learned) that will trigger lively discussions are also welcomed. All submissions must be written in English. Electronic submission via <http://www.site.uottawa.ca/sam04/submit.html> is mandatory. Acceptable file formats for initial electronic submission are PostScript (compressed) and PDF. Accepted papers must be presented at the workshop by one of the authors. Revised, post-workshop versions must be provided in Latex, based on the LNCS style. Important dates (hard deadlines):

March 12, 2004	Deadline for submission of title, authors, and abstract
March 22, 2004	Deadline for submission of full paper
April 16, 2004	Deadline for submission of tutorial proposals
May 24, 2004	Submission of revised papers for workshop proceedings
May 31, 2004	Deadline for design contest submissions

Proposals for posters, tutorials, and tool demos should be sent to sam2004org@sdll-forum.org.

The **SAM'04 Design Contest** is now open for participation. Three prizes are to be awarded during SAM'04. Details are available at http://www.solinet.com/sam_04.htm.