Call for Papers

2nd Workshop of the SDL Forum Society on SDL and MSC

SAM2000

June, 26-28, 2000 - GRENOBLE, France

(cfp in postscript)

The SDL & MSC workshop will provide an open discussion platform between SDL forums. It addresses topics related to both description and specification techniques. The intended audience ranges from SDL Forum members, tool vendors over researchers and users to standardizers and will be limited to about 100 persons. Being a less formal event than the biennial SDL Forum, the workshop is expected to be a place for intensive discussions enabling the unfolding of ideas for the future development and application of SDL and MSC. The workshop will consist of a set of invited presentations and topic centered breakout sessions. Potential participants of the sessions are also encouraged to submit and present papers reflecting their work. Following the presentations, plenty of time will be made available for in-depth discussions.

Research papers, industrial usage reports, poster displays and tool demonstrations are welcome, particularly in the following areas:

SDL and MSC applications to the development cycle of network protocols and distributed systems engineering:

- Requirements capture, specification and verification/validation
- Simulation, implementation, debugging and tuning
- Testing, test selection, test generation and test coverage
- Performance analysis and modeling
- Quality of Service modeling and verification
- Real time and probability modeling and verification
- Integration of SDL and MSC and development methodologies
- Case studies

SDL and MSC applications in the areas of:

- Multicast and multimedia protocols
- Distributed platforms and middleware protocols
- Internet protocols
- High speed protocols
- Mobile communication
- Network security protocols
- Medium access control protocols, local loop protocols
- Factory communication protocols
- Field Bus protocols

- Case studies

SDL and MSC applications to telecommunication services and distributed applications:

- Architectures for telecommunication services (Intelligent Network architecture, TINA, object based architectures, CORBA, COM-DCOM, ActiveX, internet,...)
- Service creation, service composition, service and feature interaction
- Reusable components architectures
- Workflow and Groupware
- Case studies

Development of SDL and MSC methods and tools:

- Semantic foundations
- Formal support to object modeling
- Extensions of SDL and MSC
- Real-time and probability aspects
- Consistency and refinement relations
- Practical algorithms and tool support
- Case studies

Industrial and business focus:

- Corporate strategic and financial consequences of SDL and MSC use
- Corporate experiences in SDL and MSC based developments
- Tools and training cases for protocols teaching
- Case studies

Important Dates

Deadline for submissions	**17th April 2000**
Notification of acceptance	**10th May 2000**
Final versions due	**10th June 2000**
Conference dates	**26th - 28th June 2000**

Program Co-Chairs:

Yair Lahav - SDL Forum society	Yair.Lahav@sdl-forum.org
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Submission policy:

Full original research papers and industrial usage reports should be up to 16 pages, 12 point, single-spaced, including an informative abstract as well as names and affiliations of all authors, and a list of keywords facilitating the assignment of papers to referees. For industrial usage reports, short papers up to 8 pages are also welcome. Authors should indicate a contact author (including postal and E-mail address) and the preferred category (research paper or industrial usage report) in which the paper should be considered. Authors are strongly encouraged to use A4 size papers and to make sure that their submissions are easy to print on a variety of postscript printers (e.g. by using standard fonts). Authors are required not to submit papers that have been submitted to another conference or a journal. The submitted paper format can be PostScript, PDF or MS word for windows.
Authors are encouraged to submit their full original research papers and industrial usage reports electronically. Submissions should be made to the following address:

Sam2000@sdl-forum.org

WEB:

More information on SAM2000 can be found at the following URL:

http://www.irisa.fr/manifestations/2000/sam2000/