

Workshop on Modeling in Software Engineering @ ICSE 2009 (MISE 2009)

Vancouver, Canada

May 17-18, 2009

Workshop Overview

The purpose of this workshop is to promote the use of models in the engineering process of software and software-intensive systems. In particular, we are interested in the exchange of innovative technical ideas and experience related to software modeling. The workshop also aims to promote cross-fertilization between the modeling communities (e.g., MODELS) and software-engineering communities.

This workshop will provide a forum for discussing the challenges associated with modeling software and with incorporating modeling practices into the software development process. We are interested in model-related research topics at all levels of the software development, including use of models during software execution. A list of topics includes:

- Modeling notations and tools
- Metamodeling
- Abstractions and modeling methodologies
- Model-based analyses
- Model transformation and composition
- Model evaluation
- Model management
- Extracting models from software artifacts (e.g., program understanding)
- Use of models for downstream activities (e.g., generating test cases, using models at runtime)
- Empirical studies
- Domain-specific modeling
- Further uses of modeling

Important Dates

11 January, 2009	Submission of abstracts
14 January, 2009	Submission of workshop papers
28 January, 2009	Notification of acceptance
15 February, 2009	Camera-ready papers due

Workshop format

The workshop will be held over one and a half days, starting on the afternoon of the first day. On the first day and the morning of the second day, paper presentations will be structured into sessions of thematically related papers. In order to foster lively discussions, each paper presentation will be structured as follows:

1. A 20 minute presentation by an author, summarising the key points in the paper.
2. A reaction by one of the organizers or PC member to the topic, including issues, questions or other insights.

3. A 5 minute general discussion that includes time for the author to respond to the reaction. The person presenting the reaction takes notes regarding the overall discussion, and puts together a one-page summary of the reaction and ensuing discussion that will appear in the proceedings, directly following the paper.

The remaining half-day workshop will be spent in working groups or an open-plan discussion (depending on number of participants) based on topics collected by session chairs during paper presentations and discussions during the first day of the workshop. The workshop will be summarized either in a half-hour of summary presentations from each working group or a summary presentation by one of the organizers.

Submission guidelines

Although the workshop is open to all, prospective participants are invited to submit a 4-6 page position paper. All submissions will be reviewed by members of the program committee and the organizing committee for quality and relevance. All submitted papers must conform to the style guidelines required for IEEE Conference Proceedings. See the workshop website (<http://wikiserver.sse.cs.tu-bs.de/mise09>) for instructions on how to submit. Accepted papers will become part of the workshop proceedings.

Organizing Committee

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