

Workshop on Modeling in Software Engineering @ ICSE 2008 (MISE 2008)

Leipzig, Germany

May 10-11, 2008

Workshop Overview

The purpose of this workshop is to promote the use of models in the engineering of software systems. In particular, we are interested in the exchange of innovative technical ideas and experiences related to modeling: modeling notations, abstractions and modeling strategies, use of models, and so on. Models have long been used in the development of complex systems, and their use is becoming more prevalent in software development, as methodologies and tools become available that can manipulate software models.

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

24 January, 2008	Submission of workshop papers
7 February, 2008	Notification of acceptance
21 March, 2008	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 session will be structured as follows:

1. A 15-20 minute presentation per paper by an author, summarising the key points in the paper.

2. A 30-minute slot at the end of the session for open discussions related to or stimulated by the papers presented.

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. Submissions must be PDF in ACM SIG Proceedings Format. See the workshop website (<http://s01.sse.cs.tu-bs.de/mse08>) for instructions on how to submit to CyberChairPro. Accepted papers will become part of the workshop proceedings.

Organizing Committee

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