

7th Educators' Symposium @ MODELS 2011:



Software Modeling in Education



Satellite Event at ACM/IEEE 14th International Conference on Model Driven Engineering Languages and Systems

Call for Contributions

Modeling Systems plays an important role in today's software development and evolution. Modeling provides goal-oriented abstractions in all phases of software development, which requires deep knowledge on modeling techniques and broad experiences in applying these techniques. Today, Software Engineering is supported by various modeling techniques, providing modeling languages, modeling language definition technologies, and model transformation technologies. Industry and academia successfully realized expressive modeling and meta modeling languages and mature tools for the practical application. The Educators' Symposium at MODELS focusses on discussing teaching these technologies to software engineers at universities and software industries.

The 7th Educators' Symposium @ MODELS 2011 takes place on **October 18, 2011**, in Wellington, New Zealand.

SCOPE

The 7th edition of this symposium will address approaches

- * to teach modeling and meta modeling foundations
- * to teach model driven software development and evolution approaches
- * to integrate model driven technologies into modern computer science curricula, to students in software engineering programs, and to experienced software developers in industries.

We invite contributions from instructors, researchers, and practitioners from both, academia and industry interested in modeling education and using modeling in software engineering training.

TOPICS

We encourage papers on the following specific topics:

- * Approaches used to integrate modeling into the software engineering curricula in academia.
- * Approaches used to train practitioners on using modeling techniques in industry.
- * Studies that assess the approaches used to integrate MDD into existing software engineering curricula.
- * Comparative studies of tools (e.g., Software Architect, Eclipse UML2, StarUML) used to support modeling in academia.
- * Impact of modeling on students' ability to think abstractly.
- * Industry's assessment of the MDD training done in academia.
- * Experiences in teaching the specification & application of DSLs
- * Experiences in teaching meta modeling approaches and tools
- * Inter-organizational Web applications

We also encourage papers on the following general topics:

- * Introducing modeling early in the CS curriculum.
- * Approaches to evaluate the effectiveness of teaching modeling techniques.
- * Case studies that support teaching modeling techniques.
- * Good modeling practices in teaching modeling techniques
- * Integrating modeling and MDD into the software engineering curriculum

IMPORTANT DATES

Jul 15, 2011	Paper Submission
Aug 12, 2011	Author Notification
Sep 09, 2011	Camera-ready Version
Oct 18, 2011	Symposium

TYPES OF CONTRIBUTIONS

Full Papers contribute research papers and experience reports in line with the topics of the 7th Educators' Symposium @ MODELS 2011. (maximum 10 pages)

Short Papers present position statements on modeling education and experiences, addressing the symposiums topics. These papers intend to stimulate discussions on teaching modeling at universities and in industries. (maximum 4 pages)

Papers for the symposium will be selected based on the novelty of the ideas or solutions, the impact of modeling during software development education & relevance to the topics for the symposium.

For further details, please visit the conference Web site at <http://edusymp.big.tuwien.ac.at>

PUBLISHING

Postproceedings of the 7th Educators' Symposium @ MODELS 2011 will be published in the Electronic Communications of the EASST with an ISSN. Extended versions of the two best papers will be published within the MODELS Satellite Proceedings (presumably Springer LNCS).

COMMITTEE

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