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 focuses 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

**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 symposium's 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 website at [http://edusymp.big.tuwien.ac.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**

**Organizing Committee:**
Marion Brandsteidl, TU Vienna, Austria
Andreas Winter, University of Oldenburg, Germany

**Program Committee:**
Colin Atkinson, University of Mannheim, Germany
Jordi Cabot, University of Nantes, France
Peter J. Clarke, Florida International University, USA
Ira Diethelm, University of Oldenburg, Germany
Jean-Marie Favre, OneTree Technologies, Luxembourg
Robert France, Colorado State University, USA
Michael Godfrey, University of Waterloo, Canada
Martin Gogolla, University of Bremen, Germany
Olhystein Haugen, SINTEF, Norway
Gerti Kappel, TU Vienna, Austria
Ludwik Kuzniarz, Blekinge Institute of Technology, Sweden
Jochen Ludewig, University of Stuttgart, Germany
Karl Reed, La Trobe University, Australia
Jean-Paul Rigault, University of Nice, France
Patricia Roberts, University of Brighton, UK
Martina Seidl, TU Vienna & University of Linz, Austria
Ven Yu Sien, HELP University College, Malaysia

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