



Proceedings of the
Seventh International Workshop on
Graph Transformation and Visual Modeling Techniques
(GT-VMT 2008)

Preface

Claudia Ermel, Reiko Heckel, Juan de Lara

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GT-VMT 2008 is the seventh workshop of a series that serves as a forum for all researchers and practitioners interested in the use of graph transformation-based notations, techniques and tools for the specification, modelling, validation, manipulation and verification of complex systems. Due to the variety of languages and methods used in different domains, the aim of the workshop is to promote engineering approaches that starting from high-level specifications and robust formalizations allow for the design and the implementation of such visual modeling techniques, hence providing effective tool support at the semantic level (e.g., for model analysis, transformation, and consistency management). The workshop gathers communities working on popular visual modelling notations like UML, Petri nets, Graph Transformation and Business Process/Workflow Models.

This year's workshop has an additional focus on visualization, simulation, and animation of models as means of providing an intuitive representation of both their static semantics and for the validation of model behavior. For this purpose, two invited talks have been scheduled, one from industry and the other from academia. The first invited speaker is Juha-Pekka Tolvanen, from MetaCase (Finland), and his presentation is entitled "Domain-Specific Modelling in Practice". The second invited speaker is Hans Vangheluwe from the Modelling, Simulation and Design Lab (McGill University of Montreal in Canada), whose presentation will be on the subject "Foundations of Modelling and Simulation of Complex Systems".

Regarding scientific contributions, we had 41 submissions, from which 23 were accepted. The topics of the papers range a wide spectrum, including model integration, verification of model transformations, object oriented notations, visual language processing and grid computing. The accepted papers balance theoretical and applied concepts, including tool issues. The workshop program has been organized in six technical sessions, in two days:

Saturday, March 29, 2008	Sunday, March 30, 2008
Model Transformations and Queries Distribution and Semantics Analysis and Visualization	Dynamic Reconfiguration Verification and Programming Case Studies and Tools

We would like to thank the members of the Program Committee and the secondary reviewers for their excellent work in selecting the papers of this workshop, they are listed below. We would also like to thank the organizing committee of ETAPS for their constant support.

February 2008.

Claudia Ermel, Reiko Heckel, Juan de Lara.

PC chairs of GT-VMT 2008.



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