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

Preface

Claudia Ermel, Reiko Heckel, Juan de Lara

2 pages
Preface

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:

<table>
<thead>
<tr>
<th>Saturday, March 29, 2008</th>
<th>Sunday, March 30, 2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model Transformations and Queries</td>
<td>Dynamic Reconfiguration</td>
</tr>
<tr>
<td>Distribution and Semantics</td>
<td>Verification and Programming</td>
</tr>
<tr>
<td>Analysis and Visualization</td>
<td>Case Studies and Tools</td>
</tr>
</tbody>
</table>

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.
Preface

Programme Chairs

Claudia Ermel (TU Berlin, Germany)
Reiko Heckel (University of Leicester, UK)
Juan de Lara (University Autónoma of Madrid, Spain)

Programme Committee

Paolo Baldan (Università degli Studi di Padova, Italy)
Paolo Bottoni (Università di Roma "La Sapienza", Italy)
Andrea Corradini (Università di Pisa, Italy)
Karsten Ehrig (University of Leicester, UK)
Gregor Engels (Universität Paderborn, Germany)
Claudia Ermel (TU Berlin, Germany)
Holger Giese (Universität Paderborn, Germany)
Reiko Heckel (University of Leicester, UK)
Gabor Karsai (Vanderbilt University, US)
Jochen Küster (IBM Zürich Research)
Juan de Lara (Universidad Autónoma de Madrid, Spain)
Mark Minas (Universität der Bundeswehr München, Germany)
Francesco Parisi-Presicce (Università di Roma "La Sapienza", Italy)
Arend Rensink (Universiteit Twente, The Netherlands)
Andy Schürr (Universität Darmstadt, Germany)
Gabriele Taentzer (Universität Marburg, Germany)
Daniel Varró (Budapest University of Technology and Economics, Hungary)
Martin Wirsing (Ludwig-Maximilians-Universität München, Germany)
Albert Zündorf (Universität Kassel, Germany)

External Reviewers

Jan-Christopher Bals, Luciano Baresi, Basil Becker, Clara Bertolissi, Enrico Biermann, Denes Bisztray, Florian Brie, Roberto Bruin, Troels Damgaard, Ira Diethelm, Hartmut Ehrig, Alexander Foerster, Leif Geiger, Esther Guerra, Stephan Hildebrandt, Kathrin Hoffmann, Leen Lambers, Thomas Maier, Sonja Maier, Steffen Mazanek, Tony Modica, Stefan Neumann, Ulrike Prange, Carsten Reckord, Tim Schattkowsky, Andreas Seibel, Christian Soltenborn