



Proceedings of the
Eighth International Workshop on
Graph Transformation and Visual Modeling Techniques
(GT-VMT 2009)

Preface

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2 Pages

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This volume contains the post-proceedings of the Eighth International Workshop on Graph Transformation and Visual Modeling Techniques (GT-VMT 2009), held in York (UK) on March 28-29, 2009, as a satellite event to the European Joint Conference on Theory and Practice of Software (ETAPS'09).

The GT-VMT workshop series serves as a forum for all researchers and practitioners interested in the use of graph-based notations, techniques and tools for the specification, modeling, validation, manipulation and verification of complex systems. Previous workshops were organized in Geneva (2000), Crete (2001), Barcelona (2002 and 2004), Vienna (2006), Braga (2007) and Budapest (2008).

The aim of the workshop is to promote engineering approaches that provide effective, sound tool support for visual modeling languages, enhancing formal reasoning at the semantic level (e.g., for model analysis, transformation, and consistency management) in different domains, such as UML, Petri nets, Graph Transformation, or Business Process/Workflow Models.

This year's workshop had a special focus on visualisation, simulation, and verification of domain-specific languages (DSLs) to improve the automation and quality in model-driven and/or service-oriented processes. Within this context, our invited speaker was Roberto Bruni from the Computer Science Department of the University of Pisa with a presentation on “Ten virtues of structured graphs”.

Regarding scientific contributions, we received 21 submissions of which 13 were accepted. The papers balance theoretical and applied concepts, including tool support. The workshop program was organized into five technical sessions, in two days:

Saturday, March 28, 2009	Sunday, March 29, 2008
Pattern Matching and Verification	Evolution
Simulation	Visual DSLs
Visual Transformations	

The organizers acknowledge the support by the European Association of Software Science and Technology (EASST) and the IST Integrated Project SENSORIA (Software Engineering for Service-Oriented Overlay Computers) funded by the European Union in the 6th Framework Programme as part of the Global Computing Initiative.

We would like to thank the members of the Programme Committee and all external reviewers (listed below) for their excellent work in selecting the papers for this workshop. We would also like to thank the organizing committee of ETAPS for their constant support.

September 2009
Reiko Heckel, Artur Boronat
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