



Proceedings of the
Ninth International Workshop on
Graph Transformation and
Visual Modeling Techniques
(GT-VMT 2010)

Preface

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This volume contains the post-proceedings of the Ninth GT-VMT International Workshop on

Graph Transformation and Visual Modeling Techniques

held in Paphos (Cyprus) on March 20-21 2010, as a satellite event to the **European Joint Conference on Theory and Practice of Software** (ETAPS).

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), Budapest (2008) and York (2009).

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 visualization, simulation, and verification of concurrent and distributed systems; GT-VMT 2010 featured the invited speech of Prof. Fernando Orejas from the Department of Software, Technical University of Catalonia, in Barcelona who presented recent advancements on *Symbolic Attributed Graphs and Attributed Graph Transformation*.

We received 30 submissions of which 13 were accepted after the usual reviewing process (each paper was reviewed by 3 reviewers) followed by the Programme Committee discussion. The papers balance theoretical and applied concepts, including tool support. The workshop program was organized into five technical sessions spanning over two days:

Saturday, March 20, 2010	Sunday, March 21, 2010
Foundations	Model Transformations
Modeling and Modeling Environments	Foundations
Interactions	

We would like to thank the members of the Programme Committee and the two external reviewers (listed below) for their excellent work in selecting the papers for this workshop. We also thank all the participants who attended GT-VMT 2010 and contributed to its success by stimulating interesting scientific discussions.

The organizers acknowledge the support of the organizing committee of ETAPS, 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.

May 2010
Jochen Küster and Emilio Tuosto
PC Chairs of GT-VMT 2010



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