

Welcome to the workshop on Graphical Modeling Language Development

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Preface

Models play an important role in software development. They not only support communication and understanding, but are increasingly used in automating software development tasks such as code generation, testing, simulation and analysis. While many languages are created for software developers others may be created for business analysts, interaction specialists, test engineers, or persons responsible for product configuration and deployment. Often these languages are domain-specific, created for a narrow application area or for use only inside one company.

The workshop on Graphical Modeling Language Development¹ aims to cover all the phases of language development, including definition, testing, evaluation, and maintenance of modeling languages. Particular attention is given to the principles of modeling language development, especially graphical modeling languages for domain-specific needs. It also includes papers that discuss challenges and new trends.

The workshop does not focus on tools, but recognizes the need for metamodel-based tools, which significantly ease the production of modeling environments. These tools also enable experimentation with the language as it is built, and remove the burden of tool creation and maintenance from the language creator.

In response to the call for papers, 8 submissions were received. Submitted papers were formally peer-reviewed by three referees, and 5 papers were finally accepted for presentation at the workshop and publication at the proceedings.

The workshop program is composed of two parts: paper presentations and group work. Selected papers describe experiences at a practical level, or propose new ideas and approaches. Group work sessions aim at discussing in more detail the topics found most relevant during the paper presentations. Results of the group work will be presented at the end of the workshop.

¹ <http://www.dsmforum.org/events/GMLD12/>

We would like to thank the ECMFA 2012 organization for giving us the opportunity to organize this workshop. Thanks to those that submitted papers, and particularly to the contributing authors. Our gratitude also goes to the members of the GMLD 2012 Program Committee for their reviews and help in choosing and improving the selected papers.

We hope that you will enjoy the workshop and find the information within the proceedings valuable toward your understanding of the current state-of-the-art in developing graphical modeling languages.

**Program committee of the workshop on
Graphical Modeling Language Development**

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