

Guest Editorial Preface

Special Issue on Model-Driven Engineering and Software Development

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The present special issue of *IJISMD*¹ journal contains extended and revised versions of selected papers from the Fourth International Conference on Model-Driven Engineering and Software Development (MODELSWARD 2016), held in Rome, Italy from 19 to 21 February, 2016.

MODELSWARD received 118 paper submissions from 38 countries, of which 6% were included in this special issue.

The purpose of the International Conference on Model-Driven Engineering and Software Development is to provide a platform for researchers, engineers, academicians as well as industrial professionals from all over the world to present their research results and development activities in using models and model-driven engineering techniques for software development.

The papers were selected by the event chairs, and this selection has been based on a number of criteria that include the evaluation and comments provided by the program committee members, the session chairs' assessment and also the program chairs' global view of all papers included in the technical program. The authors of selected papers were then invited to submit a revised and extended version of their papers. The extended versions have also been reviewed by a program committee and the authors have improved these extended versions according to the reviews.

We are confident that the papers included in this volume strongly contribute to the understanding of some current research trends on model-driven engineering and software development, including:

- Behavioural modelling
- Business process modelling and adaptive variant modelling
- Metamodel instance generation
- Domain specific modelling languages
- Bidirectional Transformations
- Choreography modelling languages for embedded systems
- Application of MDE to different areas, like web services, workflow, business process modelling and industrial real-time systems

We would like to thank all the authors for their contributions and also express our gratitude to the reviewers who have helped ensuring the quality of this publication.

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ENDNOTE

¹ International Journal of Information System Modeling and Design