

MODELS 2018 Workshops

Regina Hebig and Thorsten Berger

Chalmers | University of Gothenburg, Sweden

hebig@chalmers.se

bergert@chalmers.se

Preface

This volume includes the proceedings of the workshops hosted at the ACM/IEEE 21st International Conference on Model Driven Engineering Languages and Systems (MODELS), which took place 14–19 October 2018 in Copenhagen, Denmark. It is a tradition of the MODELS conferences series to host a number of high-quality and interactive workshops during the three days before the main conference. The workshops provide a collaborative forum to exchange recent and/or preliminary results, to conduct intensive discussions on a particular topic related to model-driven software engineering, and to coordinate efforts between representatives of a technical community. They are always a forum for lively discussion of innovative ideas, recent progress, and practical experience on model-driven engineering for specific aspects, problems or needs. With 17 accepted workshops out of 20 submitted proposals, MODELS 2018 hosted one of the highest numbers of workshops in its history.

We would like to thank all those who contributed to making the MODELS workshops possible. First and foremost, this includes the workshop organizers listed below, as well as the colleagues who served on the many workshop program committees, ensuring the selection of novel and high-quality workshop papers.

We also want to acknowledge the work of the conference organization, namely, Andrzej Wasowski, the general chair of MODELS 2018, who worked hard for the conference and helped us substantially with assembling the workshop program. The same holds for Stefan Catalin Stanculescu, the web chair, and Ahmad Salim Al-Sibahi, the local arrangements chair, who greatly helped us with room planning and managing the website. A special thanks goes to Daniel Strüber and Önder Babur, whose excellent and hard work as proceedings chairs was a core prerequisite to creating these proceedings.

We would also like to thank the workshop selection committee for their constructive feedback. This year, we strove for a smaller committee, letting members see a larger sample of all workshop proposals submitted. The committee comprised:

- Federico Ciccozzi
- Birgit Demuth
- Michalis Famelis
- Jeff Gray

- Sahar Kokaly
- Ileana Ober
- Alfonso Pierantonio
- Jan-Philipp Steghfer
- Dalila Tamzalit
- Manuel Wimmer

Finally, we would like to acknowledge the team at CEUR who made publishing this volume possible, as well as the EasyChair team, whose software was instrumental in reviewing and selecting the MODELS 2018 workshops.

September 19th, 2018
Regina Hebig and Thorsten Berger

Workshops and Organizers

5th International Workshop on Multi-Level Modelling (MULTI)

- Bernd Neumayr
- Adrian Rutle
- Tony Clark

13th International Workshop on Models@run.time

- Sebastian Götz
- Nelly Bencomo
- Kirstie Bellman
- Gordon Blair

3rd International Workshop on Collaborative Modelling in MDE (COMMitMDE)

- Jan Bosch
- Ivano Malavolta
- Sébastien Gérard
- Henry Muccini
- Dimitris Kolovos

12th Workshop on Models and Evolution (ME)

- Ludovico Iovino
- Alfonso Pierantonio
- Dalila Tanzalit

4th International Workshop on Executable Modeling (EXE)

- Tanja Mayerhofer
- Philip Langer
- Ed Seidewitz
- Jeff Gray

- Erwan Bousse

3rd International Workshop on Human Factors in Modeling (HuFaMo)

- Miguel Goulão
- Patrick Heymans
- Xavier Le Pallec
- Emmanuel Renaux
- Silvia Abrahão

2nd International Workshop on Debugging in Model-Driven Engineering (MDE-bug)

- Simon Van Mierlo
- Hans Vangheluwe
- Manuel Wimmer
- Erwan Bousse
- Clark Verbrugge

2nd Workshop on Model-Driven Engineering Tools (MDETools)

- Mojtaba Bagherzadeh
- Francis Bordeleau
- Juergen Dingel
- Michalis Famelis
- Antonio Garcia-Dominguez
- Raquel Araujo Oliveira
- Ernesto Posse
- Ed Seidewitz
- Bran Selic

15th Workshop on Model Driven Engineering, Verification and Validation (MoDeVVA)

- Ernesto Posse
- Raquel Araújo de Oliveira
- Levi Lúcio
- Faiez Zalila.

6th International Workshop on the Globalization of Modeling Language (GEMOC)

- Erwan Bousse
- Benoit Combemale
- Jeff Gray

18th International Workshop in OCL and Textual Modeling (OCL)

- Achim D. Brucker
- Robert Clarisó
- Hao Wu

1st Workshop on Pains in Model-Driven Engineering Practice (PAINS)

- Francis Bordeleau
- Michalis Famelis
- Jennifer Horkoff
- Andreas Wortmann

5th International Workshop on Model-Driven Robot Software Engineering (MORSE)

- Sebastian Götz
- Nico Hochgeschwender
- Andreas Wortmann
- Sebastian Wrede

4th Flexible MDE Workshop (FlexMDE)

- Alfonso Pierantonio
- Juan De Lara
- Davide Di Ruscio

5th International Workshop on Interplay of Model-Driven and Component-Based Software Engineering (ModComp)

- Federico Ciccozzi
- Antonio Cicchetti
- Andreas Wortmann

1st Workshop on Analytics and Mining of Model Repositories (AMMoRe)

- Önder Babur
- Michel Chaudron
- Loek Cleophas
- Davide Di Ruscio
- Dimitris Kolovos

2nd International Workshop on Model-Driven Engineering for IoT (MDE4IoT)

- Nicolas Ferry
- Arnor Solberg
- Manuel Wimmer
- Federico Ciccozzi