Preface

The 15\textsuperscript{th} Workshop on Model-Driven Engineering, Verification and Validation (MoDeVVa) was held on October 16\textsuperscript{th} in Copenhagen, Denmark, co-located with the ACM/IEEE 21\textsuperscript{st} International Conference on Model-Driven Engineering Languages and Systems (MODELS).

Models are purposeful abstractions of systems and their environments. They can be used to understand, simulate, and validate complex systems at different abstraction levels. Thus, the use of models is of increasing importance for industrial applications. Model-Driven Engineering (MDE) is a development methodology that is based on models, meta-models, and model transformations. The shift from code-centric software development to model-centric software development in MDE opens up promising opportunities for the verification and validation (V&V) of software. On the other hand, the growing complexity of models and model transformations requires efficient V&V techniques in the context of MDE.

The MoDeVVa workshop offers a forum for researchers and practitioners who are working on V&V and MDE. The main goals of the workshop are to identify, investigate, and discuss topics at the intersection between MDE and V&V.

Papers

The following papers were accepted:

- "ProVer: an SMT-based approach for process verification" by Souheib Baarir, Reda Bendraou and Hakan Metin.
- "Generation of test strategies for Model-based Functional Safety testing using an Artifact-centric approach" by Bert Van Acker, Joachim De nil, Paul De Meulenaere, Bjorn Aelvoet, Dries Mahieu and Jan van den Oudenhoven.
• "Balancing Model Usability and Verifiability with SBVR and Answer Set Programming" by Deepali Kholkar, Dushyanthi Mulpuru and Vinay Kulkarni.

Program Committee

• Saad Abid (fortiss, Germany)
• Mira Balaban (Ben-Gurion University, Israel)
• Adrien Bibal (University of Namur, Belgium)
• Gilles Bisson (University of Grenoble, France)
• Frédéric Boulanger (Supélec, France)
• Fabrice Bouquet (University of Franche-Comté, France)
• Marsha Chechik (University of Toronto, Canada)
• Hao Chen (fortiss, Germany)
• Chih-Hong Cheng (fortiss, Germany)
• Juan De Lara (Autonomous University of Madrid, Spain)
• John Derrick (University of Sheffield, UK)
• Michalis Famelis (University of Montreal, Canada)
• Leen Lambers (Hasso Plattner Institute, University of Potsdam, Germany)
• Bruno Legeard (University of Franche-Comté, France)
• Mercedes Merayo (Complutense University of Madrid, Spain)
• Marius Minea (Politehnica University of Timisoara, Romania)
• Dehla Sokenou (GEBIT Solutions, Germany)
• Maria Spichkova (RMIT University, Australia)
• Manuel Wimmer (Vienna University of Technology, Austria)

Organizing Committee

• Raquel Araújo de Oliveira (University of Toulouse III - Paul Sabatier & IRIT, France)
• Levi Lúcio (fortiss, Germany)
• Ernesto Posse (Zeligsoft, Canada)
• Faiez Zalila (INRIA, France)