

Preface

The European Conference on Modeling Foundations and Applications (ECMFA) is dedicated to advancing the state of knowledge and fostering the industrial application of Model-Based Engineering (MBE) and related methods. MBE is an approach to software engineering that sets a primary focus on leveraging high-level and suitable abstractions (models) to enable computer-based automation and advanced analyses; MBE techniques promise a significant boost in both productivity and quality.

The 13th edition of ECMFA was held during July 19–20, 2017, in Marburg as part of the Software Technologies: Applications and Foundations (STAF) federation of conferences. The Program Committee received 48 submissions, each of which was reviewed by at least three Program Committee members. The committee decided to accept 18 papers, 13 papers for the Foundations Track and five papers for the Applications Track, resulting in an overall acceptance rate of 38%. Papers on a wide range of MBE aspects were accepted, including model-driven generative techniques, model consistency management and evolution, language engineering, and experience reports.

We thank Lionel Briand for his interesting talk on the current challenges of model-driven verification and testing of cyber-physical systems. We are grateful to all Program Committee members and additional reviewers for providing excellent reviews, participating actively in ensuing discussions, and providing constructive feedback for all submitted papers. We thank the STAF organization for providing an excellent framework in which ECMFA can continue to co-exist and profit from the synergy with other related conferences. Finally, we thank all authors who submitted papers to ECMFA 2017, making this conference possible.

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