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# Modelling Foundations and Applications

7th European Conference, ECMFA 2011  
Birmingham, UK, June 6-9, 2011  
Proceedings

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# Preface

The 2011 European Conference on Modelling Foundations and Applications, held at the University of Birmingham, UK, during June 6–9, 2011, focused on presenting and assessing the state of the art in the research and practice of model-driven engineering (MDE). The seventh edition of the conference (previously known as the “European Conference on Model-Driven Architecture – Foundations and Applications”) covered major advances in foundational research and industrial applications of MDE.

The included papers indicate the breadth, depth and maturity of research and application of MDE, and show that the field has well-established standards, mature tool support, broad areas of application, and substantial appreciation for the challenges of transferring fundamental research results to application. ECMFA is the leading venue for publishing such research.

In 2011, the Program Committee received 61 submissions, of which 19 Foundations track papers and 5 Applications track papers were accepted. Papers on all aspects of MDE were received, including on topics such as model execution, model analysis, methodologies, model management, model transformation, architectural modelling and product lines, and domain-specific modelling. The breadth of topics, as well as the high quality of the results presented in these accepted papers, demonstrate the maturity and vibrancy of the field.

This proceedings volume also summarizes one of the conference keynote talks, given by Wilhelm Schäfer, as well as brief overviews of the tutorials and workshops held during the conference.

We are grateful to our Program Committee members for providing their expertise and quality and timely reviews. Their helpful and constructive feedback to all authors is most appreciated. We thank the ECMFA Conference Steering Committee for their advice and help. We also thank our sponsors, both keynote speakers – Wilhem Schäfer and Steve Cook – and all authors who submitted papers to ECMFA 2011.

June 2011

Robert France  
Jochen Küster  
Behzad Bordbar  
Richard Paige

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