

Preface

As Model Driven Engineering (MDE) is increasingly applied to larger and more complex systems, the current generation of modelling and model management technologies are being pushed to their limits in terms of capacity and efficiency. As such, additional research and development is imperative in order to enable MDE to remain relevant to industrial practice and to continue delivering its widely-recognised productivity, quality, and maintainability benefits.

The BigMDE workshop (<http://www.big-mde.eu/>) has been co-located with the Software Technologies: Applications and Foundations (STAF 2016) conference. BigMDE 2016 provided a forum for developers and users of modelling and model management languages and tools to present and discuss problems and solutions related to scalability aspects of MDE, including:

- Working with large models
- Collaborative modelling (version control, collaborative editing)
- Transformation and validation of large models
- Model fragmentation and modularity mechanisms
- Efficient model persistence and retrieval
- Models and model transformations on the cloud
- Visualization techniques for large models
- High-performance MDE
- Identification of scalability and performance issues in MDE

Contributions from the community were essential for the success of BigMDE 2016. In particular, we would like to acknowledge the hard work of all Program Committee members for the timely delivery of reviews given the tight review schedule, and to thank the authors for submitting and presenting their work in the workshop.

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