About the Workshop

Executable models have the potential of bringing major benefits to the development of complex systems, as they provide abstractions of complex system behaviors and allow for the performance of early analyses of that behaviors. Despite the potential benefits of executable models, there are still many challenges to solve, such as the lack of maturity in the definition of and tooling for executable modeling languages, and the limited experience with executable modeling in much of the software industry. The objective of the International Workshop on Executable Modeling (EXE) is to draw attention to the potentials and challenges of executable modeling and advance the state-of-the-art. It provides a forum for exchanging recent results, ideas, opinions, and experiences in executable modeling.

Call for Papers

Topics of interest for the workshop include but are not limited to the following:

• Techniques, and methods for designing and implementing executable modeling languages
• Model execution tools for the validation, verification, and testing of systems
• Case studies and experience reports on the adoption of executable modeling
• Empirical investigations and evaluations of model execution tools
• Executable modeling in education
• Automation techniques for the development of model execution tools
• Evolution in the context of executable modeling
• Verification of semantic conformance
• Customization of executable modeling languages and model execution tools

All submissions will be peer-reviewed by at least three members of the program committee. The accepted papers will be published at CEUR WS.

Important Dates

Submission deadline: July 17, 2016
Author notification: August 14, 2016
Workshop: October 3, 2016

Organizers

Tanja Mayerhofer  Philip Langer  Ed Seidewitz  Jeff Gray
TU Wien, AT  EclipseSource, AT  Independent, US  University of Alabama, US

Keynote Speaker

Stephen J. Mellor