Preface

The second Workshop on the Analysis of Model Transformations (AMT'13) was held on September 29, 2013 in Miami, Florida, in collocation with the ACM/IEEE 16th International Conference on Model Driven Engineering Languages and Systems (MODELS'13).

The AMT workshop series acknowledges the increasing importance and complexity of model transformations and attempts to provide a forum in which the analysis of model transformations to support the development, quality assurance, maintenance, and evolution of model transformations is discussed.

The workshop had over 30 attendees and contained a keynote given by Robert Baillargeon from Sodius Corporation and presentations of nine papers by authors from 11 countries, organized into four sessions: Testing 1; Testing 2; Reuse, Evolution and Optimization; and Non-functional Requirements. A discussion session concluded the workshop.

The keynote by Robert Baillargeon reviewed trends in automotive software development, highlighted the use of model transformations to achieve migration, interoperability, or amplification (i.e., assert creation), and identified challenges in each of these areas.

Discussion was lively and enhanced significantly by a number of participants from industry (Boeing, Tibco, and Sodius); a broad range of topics were discussed including technical challenges (e.g., testing, requirements and optimization) and more fundamental questions (e.g., adoption of model transformations in industry and how it can be improved).

Overall, AMT'13 reflected a growing interest in the analysis of model transformations in academia and industry and its use to facilitate all lifecycle activities.

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