The International Workshop Series on Comparison and Versioning of Models brings together scientists and practitioners in the field of model versioning. Particularly technologies like comparison, versioning, merging, patching and weaving of models are addressed. These technologies are indispensable to support model-based development methods and consequently they have been subject of intensive research in the last decade. A significant number of algorithms and tools have been developed. Empirical evaluations on these tools have been conducted so far mostly by suppliers of the technologies, typically using a small set of use cases and data sets. These evaluations cannot be reproduced or repeated with competing approaches due to the lack of available materials. Naturally, this hinders progress because no objective judgment of the different approaches can be made.

Hence, this year’s issue of the CVSM is devoted to overcome this weakness in the state-of-the-art. The goal is to agree as the community as a whole on an initial set of standardized benchmarks. This set will enable tool providers to evaluate the quality of their tools on a common base and allows a comparison of competing approaches.

To reach this goal, we accept three types of submissions to this workshop: (1) Performance Benchmarks, usually consisting of several large models which are used to measure the runtime of different algorithms. (2) Challenges, which are usually small, artificially created models used to highlight certain quality aspects. (3) Real Use Cases, which help to assess and compare the discussed advantages and disadvantages of current algorithms in the context of real world application scenarios.

Every interested member of the community is invited to submit examples for inclusion in the benchmark set. All submissions will be discussed and evaluated by all participants of the workshop. Which examples will eventually be included in the benchmark set is decided during the workshop. It is planned to reevaluate and enhance the benchmark set in future issues of the CVSM workshop.

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+ P. Pietsch is supported by the DFG under grant KE499/5-1 QuDiMo.
† J.O. Ringert is supported by the DFG under grant GK/1298 AlgoSyn.