Message from the Modellierung’24 Industry-Forum Chairs

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The Industry Forum of the Modellierung 2024 conference series was initiated to offer a platform to exchange ideas, results and experiences between researchers, technologists, product managers and users from industry and science. The underlying goal is to identify challenges for modelling in practice, demonstrate the benefits of modeling techniques in practice, as well as the status of use and adaptation of modelling related tools and procedures in practice. As such, the discussions are intended to show which current industry challenges can be addressed with modeling, which hurdles stand in the way of broader introduction and which new problems and use cases there are.

In line with this, contributions to the Industry Forum are expected to particularly address questions such as: experiences on the use of modelling techniques in practical situations, success stories or obstacles in introducing modeling techniques, results from modelling experiences in both technical and organizational terms, insights in the practical scalability and applicability of the modelling techniques, quantitative and qualitative success measurements of modeling, as well as the identification of topics requiring further research.

This year’s Industry Forum involves two papers, both of which are positioned in a low-code context. The first paper, by Gabriel Juhás, Ľuboš Petrovič and Milan Mladoniczky, reports on practical experiences with Petriflow. It discusses how Petriflow, a low-code language based on enriched process models, can be used for process driven application development. The second paper, by Arvid Butting, Timo Greifenberg, Katrin Hölldober and Timo Kehrer, is concerned with practical experiences on the visualization of model and data differences in the context of enterprise low-code platform.

As the use of modelling in practical contexts is a key driver for the Modellierung series of conferences, it has been an explicit choice to fully integrate the contributions of the Industry Forum in the program to foster a broad interaction between research and practice.

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