

Message from the MASE 2019 Chairs

The Workshop on Modeling in Automotive Software Engineering (MASE'19) was held on September 15, 2019 in Munich, Germany, in collaboration with the ACM/IEEE 22nd International Conference on Model Driven Engineering Languages and Systems (MODELS'19). It was the second MASE workshop, held four years after first MASE workshop that took place in Ottawa, Canada as part of the program of MODELS'15.

Automotive software has come a long way, from a single-function ECU used for electronic-spark timing in the 1977 General Motors Oldsmobile Toronado, to the software in today's vehicle comprising over 100 million lines of code distributed over 60 ECUs. The automotive industry is a consumer market that demands feature-rich systems, annual release dates, zero tolerance for safety errors, and consumer-friendly prices. The challenge of creating increasingly complex software that is safe and affordable is a driver of advances in software development and engineering methods, techniques and tools.

Modelling and model-based approaches to software development have a long tradition in the automotive industry due to the high need for abstraction, automation, standardization, and interoperability. A central objective of the MASE workshop is to provide a forum for practitioners and researchers from industry and academia in which novel, innovative, model-based solutions to current and future challenges in automotive software development can be presented and discussed. Another important objective is to identify new research problems arising from current trends.

MASE'19 received 9 submissions of which 7 were included in the program. Industrial participation was high with co-authors from several companies including Vector, Leopold Kostal, Dana Belgium. The program kicked off with a keynote by Maged Khalil, Head of System Reference Solutions at Continental.

We want to thank our keynote speaker and authors who made this workshop possible with their submissions and their lively participation. We are particularly grateful to the members of the Program Committee of the workshop for their valuable and timely reviews.

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