

Call for Speakers

The optimization of engineering processes of production systems was in recent years mainly focused on improving the work of the individual engineering disciplines. This point of view changed from improvements within single disciplines to the optimization of engineering networks and data exchange. AutomationML is one of the major enablers for optimized engineering networks.

At the 5th AutomationML PlugFest attendees will get the chance to discuss this role of AutomationML. Therefore the PlugFest will address basics about how to implement AutomationML interfaces, the requirements, and capabilities of setting up toolchains or engineering data logistics as well as advanced concepts for data handling within them. Success stories will be presented and use cases for AutomationML which go beyond the current scope of the data exchange format.

Are you interested in supporting the PlugFest with your presentation in one of the following key topics?

Basics: Different phases of an AutomationML interface implementation

Present the concepts and methodologies relevant for information modelling (Use case description, acquisition of data, modelling of data in AML), implementation preparation (software engineering basics, requirements on company's tool), implementation (software architectures, implementation processes), and test (test options).

Tools: Using AutomationML to read and write tool data

Present your existing domain specific engineering tools and tool concepts with the intended use cases it is involved within and the implementation concepts used. Show the requirements from your tool side to be integrated into data exchange scenarios.

Engineering data logistics: Using AutomationML collaboratively in a tool chain

Present your existing tools and tool concepts for the implementation of an engineering data logistics within an engineering network of more than two tools with the intended use cases it is involved within and the implementation concepts used. Show the requirements from your tool side to be integrated into data exchange scenarios.

Future concepts: Using AutomationML in future scenarios

Present your ideas for future developments of AutomationML based on the intended future use cases, the requirements they are calling for possible development paths for AutomationML.

Important dates:

Abstract submission (title, summary, max. 1 DINA4): May 20th, 2019
Notification of acceptance/rejection: June 07th, 2019
Publication of final PlugFest program: June 11th, 2019
Submission of examples: August 01st, 2019
Submission of slide decks: September 01st, 2019

Please indicate in your abstract submission to which field of maturity your presented tool belongs based on the following matrix.

Tool maturity \	Concept	Prototype	Product
Data exchange			
Unilateral	A1	B1	C1
Bilateral	A2	B2	C2
Multilateral	An	Bn	Cn

Submission of slide decks: Working language of the PlugFest is English. The authors of the accepted topics commit themselves to present their topic in the form of a presentation. The presentation time will range from 10 to 30 minutes.

Slide decks have to be submitted to office@automationml.org.

All participants who present tools or tool concepts are asked to provide examples of data/files which their tools are writing/reading for the preparation of mutual exchange and plugging scenarios by all participants.

Participation fee: Free of charge for speakers. Only one speaker per presentation is permitted.