5th AutomationML User Conference

Make AutomationML Yours!

Topics of the Conference

- **Success Stories:**
  - Application of AutomationML in various application scenarios

- **Visions:**
  - AutomationML based business models
  - Supporting various data exchange scenarios

- **Guidelines:**
  - Implementation of Workflows
  - Supporting the Entire Engineering Process of Production Systems

- **New developments:**
  - Integrating industrial standards
  - Covering new data models

Listen to Speakers from Various Companies and Institutions

- ABB • Airbus • CMC Engineers GmbH • Daimler protics • Evosoft
- Fortiss GmbH • Fraunhofer IOSB
- Helmut Schmidt Universität Hamburg • HS Albsig • HS Pforzheim • ifak • OvgU
- Magdeburg • Siemens AG • Statoil
- tarakos GmbH • TU Wien • Uni Bochum

Date, Location, and Host

- **From October 24th to October 25th, 2018**
- in Gothenburg, Sweden
- at ABB AB

Host: Arndt Lüder, Otto-von-Guericke-University Magdeburg
Wednesday – October 24th, 2018

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<td>WELCOME</td>
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<td>09.15</td>
<td>Why do Statoil want to see Object Oriented Information</td>
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<td>Exchange in a Standard Format</td>
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<td>Introduction to AutomationML in a Heterogeneous Software Tool Landscape</td>
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<td>Achieving Interoperability in a Heterogeneous World via Semantic Mappings</td>
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<td>11.30</td>
<td>Prerna Bihani, ABB</td>
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<td>Business Oriented Robot Off-Line Programming Solution Using AutomationML</td>
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<td>Sylvain Blanvillain, Airbus</td>
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<td>Connecting Different Behavior Models by Using AutomationML</td>
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<td>Klaus Hanisch, tarakos GmbH</td>
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<td>Future Applications and Possible Enhancements of AutomationML</td>
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<td>Wolfgang Schloegl, Siemens AG</td>
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14.00 to 14.30  Collaboration of Tools for Production System Planning and PLC Programming by Using AutomationML
            Mario Thron, ifak e.V. Magdeburg

14.30 to 15.00  Potential Usage of AutomationML to Feed Back Data from the Shop Floor into Digital Planning Model
            Aranya Sarkara, Helmut-Schmidt-Universität Hamburg

15.00 to 15.30  AutomationML and the „Industrie 4.0“ Component
            Christian Diedrich, Otto von Guericke University Magdeburg

15.30 to 16.00  AutomationML in a Continuous Products Life Cycle: A Technical Implementation of RAMI 4.0
            Markus Kiesel, HS Albstadt-Sigmaringen

Coffee Break

16.30 to 17.00  How AutomationML can Help to Present Products
            Julian Hermle, CMC Engineers GmbH

17.00 to 17.30  Enabling Digital Business with an AutomationML Connectivity Hub
            Florian Himmler, evosoft GmbH

17.30 to 18.00  AutomationML as Single Source of Truth in a Smart Factory
            Robert Henßen, Fraunhofer IOSB

DINNER

19.00  Bus Transfer from ABB to Dinner Location / Conference Hotel
Thursday – October 25th, 2018

09:00 to 09.30 IEC 62264-2 for AutomationML  
Bernhard Wally, TU Wien

09.30 to 10.00 AutomationML in the Oil & Gas Industry - Digitalization of the IEC 63131 standard  
Rainer Drath, HS Pforzheim

10.00 to 10.30 Vendor-Independent Modeling and Exchange of Fieldbus Topologies with AutomationML  
Rainer Drath, HS Pforzheim

Coffee Break

11.00 to 11.30 Migration towards AutomationML-based Tool Chains  
Arndt Lüder, Otto von Guericke University Magdeburg

11.30 to 12.00 Cloud-based Integration of Robot Engineering Data Using AutomationML  
Katharina Stark, ABB

12.00 to 12.30 Using AutomationML to Describe the Dynamic Behavior of a Production System  
Matthias Bartelt, Ruhr-Universität Bochum

12.30 to 13.00 AutomationML-based Mechatronic Models as Enabler of Automation Systems Engineering: Tool suite and Workflow  
Milan Vathoothan, fortiss GmbH

13.00 GOODBYE

Lunch Break

14.00 to 16.00 PLANT TOUR