



Vienna University of Technology

1st International Workshop on Model-Driven Engineering for the Internet of Things (MDE4IoT)

Manuel Wimmer, Alexandra Mazak, Gerti Kappel, Wolfgang Kastner



CDL-MINT
Model-Integrated Smart Production
<https://cdl-mint.big.tuwien.ac.at>

Automation Systems Group
Institute of Computer Aided Automation

Welcome from the Organizers



Manuel Wimmer



Gerti Kappel



Alexandra Mazak



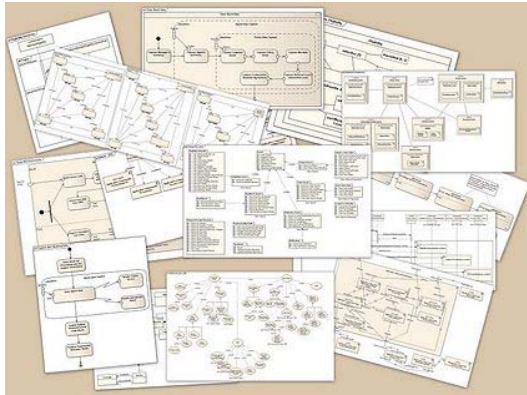
Wolfgang Kastner

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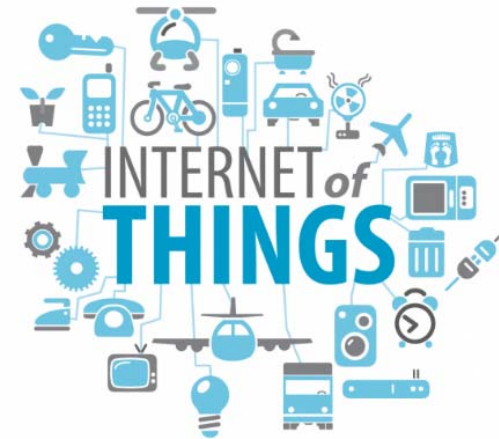


Scope of this Workshop

Model-Driven Engineering (MDE)

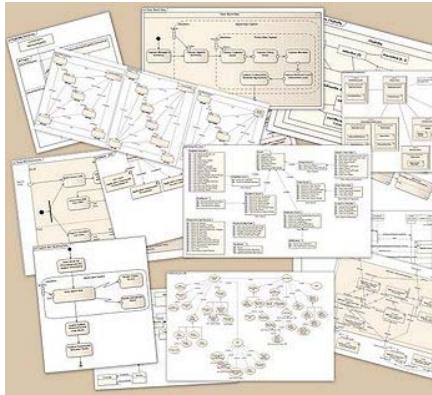


Internet of Things (IoT)



Goal of this Workshop

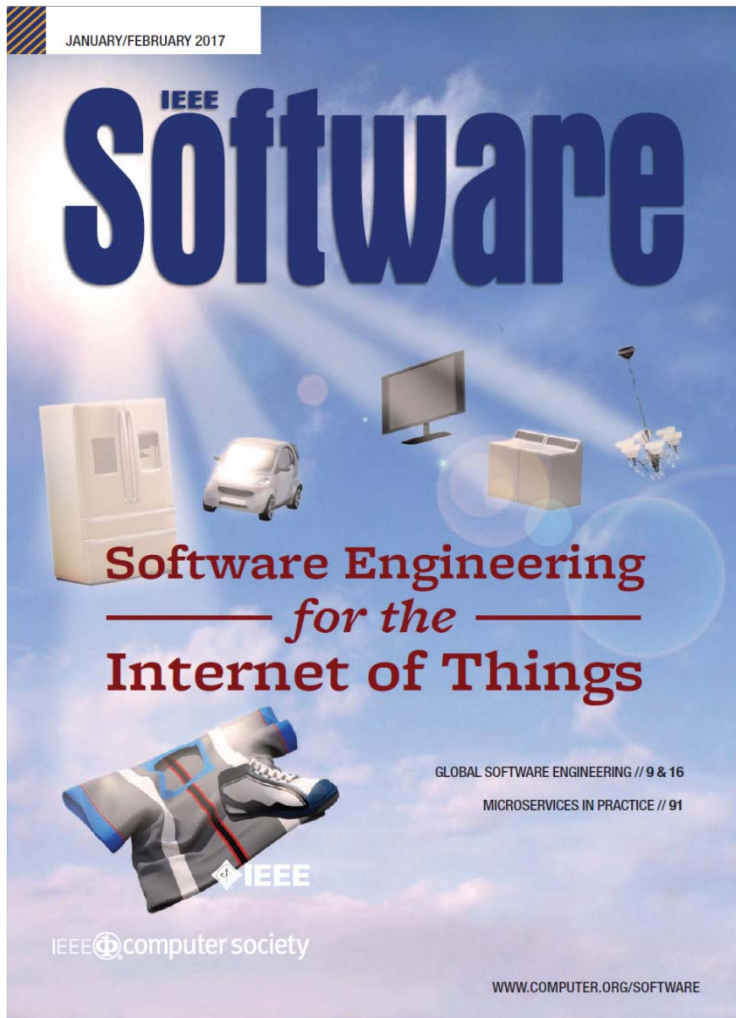
Model-Driven Engineering (MDE)



Internet of Things (IoT)



Current Developments



- Several special issue papers present model-based solutions
- Modeling tools provide IoT support
- Different communities approach model-based solutions
- IoT tools provide modeling support
- There are even papers at IoT 2017 presenting modeling solutions for IoT



Current Developments



RESOURCE HUB ▾

OMG SPECIFICATIONS ▾

PROGRAMS ▾

MEMBERSHIP ▾

MEMBERS AREA ▾

INDUSTRIAL INTERNET OF THINGS

AHEAD OF THE IIOT CURVE

See how the IIoT standardization efforts of the OMG contributed to productivity, cost savings and efficiency long before IIoT became an industry buzzword.

[READ MORE](#)

- UPCOMING MEETING
- INDUSTRIAL INTERNET OF THINGS**
- STANDARDS AT WORK
- OMG CERTIFICATION
- UNIFIED MODELING LANGUAGE
- WEBINAR SERIES ▶



Announced Agenda for Today

- ~~14:00 Daniel Schall, SIEMENS AG Oesterreich, on IoT~~
- 14:45 Federico Ciccozzi, Maelardalen University (Sweden), MDE4IoT
- 15:30 COFFEE BREAK
- 16:00 Hong-Linh Truong and Luca Berardinelli, TU Wien, Report from EU IoT projects
- 16:30 Bernhard Wally, TU Wien, Report from HRSM CPS/IoT Ecosystem Project
- 16:50 Ezio Bartocci, Teaching IoT
- 17:10 Stefan Schulte, Teaching IoT for Smart Systems
- 17:30 Plenary Discussion



Actual Agenda for Today



14:15 Federico Ciccozzi, Maelardalen University (Sweden), MDE4IoT



15:00 Hong-Linh Truong and Luca Berardinelli, TU Wien, Report from EU IoT projects



15:30 COFFEE BREAK



16:00 Bernhard Wally, TU Wien, Report from HRSM CPS/IoT Ecosystem Project



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17:00 Plenary Discussion

