



Software Center

Theme 4: Customer Data and Ecosystem Driven Development

Helena H. Olsson

Software Center Reporting Workshop, December 5th, 2019

Adoption and
scaling of
agile practices

Agile
requirements
engineering

API
development
and
orchestration

Adoption of
data driven
practices

Strategic
management
of software
and business
ecosystems

Digital
business
models and
data
monetization

Automated
experiments
and
optimization

Transition
towards data
and AI driven
development

**Engineering of
AI/ML/DL systems**

- Requirements
- Human factors
- Data management
- Design process

Cloud Data and AI/ML System Driven Development

Theme 4: Projects

- **#5: Accelerating Digitalization Through Data**
 - Helena H. Olsson and Jan Bosch, Hamza Ouhaichi, Meenu Mary John
- **#9: Strategic Ecosystem Driven R&D Management**
 - Helena H. Olsson and Jan Bosch
- **#19: Data-Driven Continuous Evolution of Autonomous Systems of Systems**
 - David Issa Mattos, Jan Bosch and Helena H. Olsson
- **#26: API Strategies**
 - Jennifer Horkoff, Juho Lindman, Eric Knauss and Imed Hammouda
- **#27: Requirements Engineering for Large-Scale Agile System Development**
 - Eric Knauss, Jennifer Horkoff, Juho Lindman, Imed Hammouda, Rashidah Kasauli, Salome Maro and Rebekka Wohlrab
- **#33: HoliDev**
 - Jan Bosch, Ivica Crnkovic, Helena H. Olsson, Lucy Lwakatare, Aiswarya Raj Munappy, Hugo Sica de Andrade

Theme Partners



SAAB

CEVT
A Geely Auto Company



BOSCH

GRUNDFOS 

 **JEPPESSEN**
A BOEING COMPANY

SIEMENS



WÄRTSILÄ

AXIS
COMMUNICATIONS 

ERICSSON 

Associated partners: Sony Mobile, Ellos, Zenuity, Annotell, Peltarion etc.

PdM session

All theme 4 projects are presented in the poster session.

- 13:30 – 13:40 Opening – Jan Bosch
- 13:40 – 13:50: Requirements Engineering for Agile System Development (#27): Eric Knauss
- 13:50 – 14:00: Accelerating Digitalization Through Data (#5): Helena H. Olsson
- 14:00 – 14:10: Data-Driven Continuous Evolution of Autonomous Systems of Systems (#19): David Issa Mattos
- 14:10 – 14:20: **Volvo Cars**
- 14:20 – 14:30: **Wärtsilä**
- 14:30 – 14:40: **Axis Communications**
- 14:40 – 15:00: Discussion and closing

The background is a complex, layered design in various shades of blue. It features a grid of hexagons, some of which are outlined in white. Overlaid on this are several circular icons containing white arrows pointing to the left, and smaller white plus signs. The overall effect is a sense of digital connectivity and technology.

Thank you!