

# DIGITALIZATION IN THE AUTOMATION DOMAIN 2023



March 15th-16th

Clarion Hotel  
OSLO

**March 15th**

**08:00** Registration & Coffe

**08:50** Welcome

Karin Sundsvik | NFEA

**09:00** Norwegian industry, a leading player in Industry 4.0 - Fact or fiction?

Jan Christian Vestre | The Norwegian Government

**09:30** Interoperability and Industrie 4.0

Karsten Schneider | Siemens

**10:00** BREAK

**10:30** Process industry, towards Industry 4.0

TBA

**11:00** Industry 5.0, the human Revenge!

Bjørnar Henriksen | SINTEF Digital

**11:30** LUNCH

**12:30** Swedish industry standing on Industry 4.0 SEIIA / ITF  
perspective

Erik Molin | SEIIA (Board Member, ITF Automation)

**March 15th** (continues)

**Session: Industry 4.0 building blocks**

**13:00 Interrelation of Asset Administration Shell and AutomationML**  
Rainer Drath | Pforzheim University

**13:30 NAMUR onboarding into Industry 4.0**  
Dr. Andreas Schüller | NAMUR & YNCORIS GmbH & Co

**14:00 BREAK**

**14:30 Ontology -> RAMI4.0 -> RDF**  
Per Øyvind Øverli | Aibel

**14:50 Standardized Device and Update Management based on  
Asset Administration Shell and OPC UA**  
Andreas Orzelski | IDTA

**15:20 BREAK**

**15:40 Recent developments around AAS: DEXPI submodel and  
product carbon footprint demonstrator**  
Dr.-Ing. Sten Grüner | ABB Corporate Research Center Germany

**16:10 MTP Framework, Recent Developments and Demonstrators**  
Mario Hoernicke | ABB Corporate Research Center Germany

**16:40 End of day 1 | Refreshments and networking at the hotel**

**19:00 Conference dinner**





**March 16th**

## **Session: Industry Initiatives**

**09:00 Field Device Integration, explained**

Trygve Harvei | ABB AS

**09:30 OT information modelling**

Solve Raaen | Kongsberg Maritime AS

**10:00 BREAK**

**10:30 Evolution of field busses into the I4.0 area**

Karsten Schneider | Siemens

## **Session: Use cases**

**11:00 Digital Twin of SIF**

Stein Hauge | SINTEF Digital

**11:30 LUNCH**

**12:30 Digitalization in the Battery game**

TBA

**13:00 Digitalization in Engineering**

Thorsten Jankowski | Aucotec AG

**13:30 BREAK**

**March 16th** (continues)

**13:40 DEXPI+: Standards-Compliant Modelling of Processes for Process System Engineering**

David Cameron | University of Oslo

**14:10 Information Modelling Framework**

Magnus Oanes Knædal | Equinor ASA

**14:40 Ultra-quick sum-up**

Jan Munkejord | Equinor ASA

**14:45 End of conference**



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-TOWARDS INDUSTRY 4.0

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