

**OPC DAY**  
FINLAND 2021  
16.11.2021

# Success Stories with OPC UA

Jouni Aro, Chairman,  
OPC Committee



FINNISH SOCIETY OF AUTOMATION  
SUOMEN AUTOMAATIOSEURA RY





# OPC Committee

## Members 2021

- Chair: Jouni Aro, Prosys OPC
- Secretary: Ilkka Seilonen, Aalto University
- Samuli Bergman, NAPCON
- David Hästbacka, Tampere University
- Mika Karaila, Valmet
- Tommi Karhela, Semantum
- Esa Kiuru, Beckhoff
- Tomi Lahti
- Jukka Pirinen, Brightly Works
- Veli-Pekka Salo, Wapice

## Finnish Society of Automation

- Marko Vuorio, Manager
- Anu Randen-Siippainen, Coordinator
- Magda Janeiro, Gather.Town Expert



# OPC Day History

## Finnish Society of Automation

- 2002 OPC Roadshow
- 2003 OPC Session as part of SoftSympto '03 (Automaatiopäivät 2003)
- 2005-2011 OPC Day Finland
- 2012-2014 OPC & MES Day Finland
- 2015-2019 OPC Day Finland
- **2020 OPC Day Finland (Virtual)**

## OPC Foundation

- 2011-2019 OPC Day Europe
- 2015-2019 North American Seminar Tour
- 2011-2019 Local OPC Day events in Europe and Asia
- **2020-2021 OPC Day International (Virtual)**

 SAS FSA

 TheOPCFoundation



## PROGRAMME

### 09:00 Gather.Town open - let's meet!

Take a cup of coffee/tea and sign in

### 09:50 Opening

Jouni Aro, Finnish Society of Automation

### 10:00 Keynote: OPC Foundation & Adoption of OPC UA Today

Stefan Hoppe, OPC Foundation

### 10:20 Keynote: NAMUR Module Type Package (MTP)

Leif Jürgensen, Schneider Electric

### 10:40 Keynote: ISPE Pharma 4.0 Plug & Produce

Josef Trapl, Takeda & Henrik Stellmann, Körber Pharma

### 11:00 Break, Meet the Sponsors

### 11:30 OPC UA-based simulation-aided automation testing environment of a cruise ship LNG system

Markus Lehtopohja, Meyer Turku & Gerardo Santillan, Semantum

### 11:50 From simulation to the digital twin powered by OPC UA

Fernando Ubis, Visual Components

### 12:10 Do you know what is behind the corner? - NAPCON Advisor, digital operator assistant for process industry

Samuli Bergman, NAPCON

### 12:30 Lunch Break, Meet the Sponsors

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### 13:30 Harmonizing OPC UA Information Models

Wolfgang Mahnke, ascolab

### 13:50 OPC UA Information Model for Cranes

Henri Gört, Konecranes

### 14:10 MES Controlled Material Handling over OPC UA in Valio

Pyry Grönholm, Prosys OPC & Lari Lahdensuu, Beckhoff

### 14:30 Break, Meet the Sponsors

### 15:00 Next Steps in Future of Industrial OPC UA

Mika Karaila, Valmet

### 15:20 Defining and leveraging the Industrial Digital Twin

Erich Barnstedt, Microsoft

### 15:40 OPC UA Field Exchange (FX)

Georg Biehler, Siemens

### 16:00 OPC UA PubSub Explained

Jouni Aro, Prosys OPC


### 16:20 Final Q&A

### 16:30 End of the day - Gather.Town open the whole evening!

All times in EET!

# Meet U in Gather.Town!

**BECKHOFF**

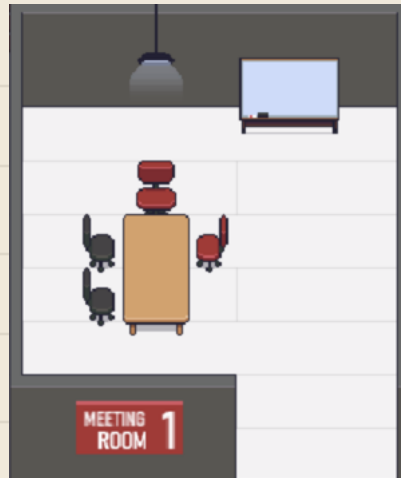
 **Nortal**

 **OPC**  
FOUNDATION

 **Schneider**  
Electric

 **Semantum**

 **Wapice**



Private spaces

