

OPC DAY FINLAND 2020

4.11.2020, 1.00-4.30 PM (EET)

#OPCUA #OPCDAY #OPCDAYFINLAND #AUTOMAATIO

OPC UA in Finland – Experiences and Use Cases from Finland

SPONSORS:



FINNISH SOCIETY OF AUTOMATION
SUOMEN AUTOMAATIOSEURA RY



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OPC DAY HISTORY

Finnish Society of Automation

2002 OPC Roadshow

2003 OPC Session as part of SoftSympo '03 (Automaatiopäivät 2003)

2005-2011 OPC Day Finland

2012-2014 OPC & MES Day Finland

2015-2019 OPC Day Finland



SAS FSA

OPC Foundation

2011-2019 OPC Day Europe

2015-2019 North American Seminar Tour

2011-2019 Local OPC Day events in Europe and Asia



TheOPCFoundation

2020 OPC Day International (Virtual)

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OPC JAVA STACK DEVELOPMENT PROJECT IN FINLAND

Participants

VTT Technical Research Centre of Finland
Tampere University of Technology
(Helsinki University of Technology)
Metso Automation
Prosystech OPC
Wapice
Kone



(2005)

Funded by TEKES (Finnish Technology Funding Agency)

2006 Phase 1
2007-2009 Phase 2

Results

100% Native Java Communication Stack for OPC UA
donated to **OPC Foundation**

Maintained by Prosystech OPC for OPCF until 2018

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PROGRAMME 6.11.

13:00 **Opening, Jouni Aro, Finnish Society of Automation**

13:10 **Keynote: Neste production digitalization with OPC UA -based solutions**
Juho Korpela, Head of Digital Transformation, Neste

13:40 **Keynote: Plug and Produce in Pharmaceutical Industry**
Stefan Hoppe, President, OPC Foundation

14:10 **Industrial Data Management Architecture**
Ulf Yngvesson, Novotek

14:30 **Break**

14:40 **Case Valio: Improving MES communication reliability and security with OPCUA**
Pyry Grönholm, Prosys OPC

15:00 **Case Helen: Digital transformation in energy production using OPCUA**
Veli-Pekka Salo, Wapice

15:20 **OPC UA Pub/Sub: Experiences integrating existing AMQP based communication**
David Hästbacka, Tampere University

15:40 **OPC UA version 1.05 and Future Visions**
Jim Luth, CTO, OPC Foundation

16:00 **OPC UA, TSN & 5G**
Alexander Ziegler, Siemens

16:20 **Q&A**

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Have a great event!



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SPONSOR SPEECHES:

www.automaatioseura.fi/opcdayfinland2020



OPC-teemapäivä 17.10.2006

Ratavartijankatu 2/Asemapäällikönkatu 12, Pasila, Helsinki

Kartta ja käyntiohje <http://www.automaatioseura.fi> etusivulla

AAMUPÄIVÄ 09.00–13.00

09:00–09:15 Avaus; Kari Koskinen, TKK

09:15–09:45 **Keynote: OPC Unified Architecture –
What does it mean for software vendors,
system providers and end users?**

Jim Luth, OPC Foundation*

09:45–10:15 Plans for improving OPC compliance testing;
Jim Luth, OPC Foundation*



* Jim Luth

is the OPC Foundation Technical Director, and Leader of the OPC Unified Architecture Working Group. Before joining OPC full-time, Jim was a Consulting Engineer at ICONICS where he spent the past eight years architecting and developing many of the GENESIS32 modules and representing ICONICS in OPC Foundation Technical Committees. Jim has 27 years of experience in factory automation and software development having previously worked for such organizations as General Motors, Taylor Instruments and The Foxboro Company. Jim has a Bachelor of Science degree in Electrical Engineering from Rensselaer Polytechnic Institute.

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