

OPC DAY FINLAND 2017

WEDNESDAY, OCTOBER 11TH 2017 @MESSUKESKUS HELSINKI

Enabling Smart Manufacturing with Standard Communications



FINNISH SOCIETY OF AUTOMATION
SUOMEN AUTOMAATIOSEURA RY

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The banner features a dark blue background with a view of the Earth's horizon from space on the left. The text "OPC DAY FINLAND 2017" is prominently displayed in the center. Below it, the date and hashtags are listed. In the bottom right corner, there is a logo for the Finnish Society of Automation and a partial gear icon.

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11.10.2017 #OPCUA #OPCDAYFINLAND #AUTOMATION #OPCDAY

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
- 2015-2017 OPC Day Finland

 SAS FSA

OPC Foundation

- 2011-2017 OPC Day Europe
- 2015-2017 North American Seminar Tour
- 2011-2015 Local Seminars in Europe
- Trade Shows around the world

 TheOPCFoundation

OPC China, Korea, Taiwan, etc.

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AGENDA

Towards IoT platform economy with OPC UA

9:00 - 9:10

Opening, Jouni Aro, Finnish Society of Automation

9:10 - 9:40

Keynote: Reference Architecture Model for Industry 4.0 and International Collaboration,
Martin Hankel, Bosch Rexroth

9:40 - 10:10

Keynote: OPC UA Enables Smart Manufacturing,
Jouni Aro, OPC Foundation

10:10 - 10:40

Coffee Break and Exhibition

10:40 - 11:10

Real-time M2M Communication Standards for Industry 4.0 using OPC UA over TSN and AMQP,
Heinrich Munz, Kuka Robotics

11:10 - 11:40

Industry 4.0 Testbed for Real-time Communication,
Dominik Rohrmus, Labs Network Industrie 4.0 e.V.

11:40 - 13:00

Lunch and free visit to Teknologia '17 Exhibition

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AGENDA

Towards IoT platform economy with OPC UA

- 13:15 - 13:45 **Manufacturing Execution in Combination with Autonomous Agents Based on SAP and OPC UA, *Rüdiger Fritz, SAP***
- 13:45 - 14:15 **Representing Plant Engineering Information in OPC UA – Companion Specification for DEXPI, *Nikolaos Papakonstantinou, VTT***
- 14:15 - 14:40 Coffee Break and Exhibition**
- 14:40 - 15:00 **Waste Water Treatment in the Cloud – Case Veolia Krüger, *Jukka Asikainen, Prosys OPC***
- 15:00 - 15:20 **Pulling the Information Out of Your Process Instruments – Utilize Available OPC UA Information Integration, *Andreas Frejborg, Neste Jacobs***
- 15:20 - 15:40 **OPC UA – Test automation for regression & application testing with Robot Framework, *Mika Karaila, Valmet***
- 15:40 - 16:00 Break and Exhibition**
- 16:00 - 16:20 **Real world OPC UA use cases, *Héctor García, Kepware Technologies***
- 16:20 - 16:40 **TwinCAT OPC UA, *Henning Mersch, Beckhoff Automation GmbH & Co. KG***
- 16:40 - 17:00 **Connected Automation with OPC UA, *Michael Lippert, Bosch Rexroth***
- 17:00 - 17:10 Closing Discussion**
- 17:00 - 19:00 **After Work at Trade Fair**
- 19:00 - Teknologia17 After Party**



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Welcome!

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