

# IPEC 2017

Integrated Plant Engineering Conference

## Engineering Standardization for Industrie 4.0



March 29, 2017

IHK Akademie Walter-Braun-Straße 15

Nuremberg Germany / Nürnberg

No conference fee

Further information: [matthias.barbian@siemens.com](mailto:matthias.barbian@siemens.com)

Registration: <http://www.automation-valley.de/aktivitaeten/international/ipec2017/>



08:00 Registration and Welcome Coffee

## Digital competences in the Nuremberg region

Welcome speeches

09:00 **Connected Production in the Nuremberg Metropolitan Region**

**Dr. Ronald Künneth**, Industrie- und Handelskammer Nürnberg für Mittelfranken / Automation Valley Nordbayern

09:10 **Push for small and medium-sized enterprises in the region**

**Matthias Barbian**, VDI-Bezirksverein Bayern Nordost / VDE-Bezirksverein Nordbayern

## Digital Engineering for Industrie 4.0

Experiences of interregional partners / initiatives

09:20 **Innovation – MADE in Denmark**

**Helle Meinertz**, Consul General and Executive Director at Ministry of Foreign Affairs of Denmark

09:40 **Digital factory on steroids**

**Jeroen H. De Bruijn**, CEO FESTA, Brainport Eindhoven, Netherlands

10:00 **Modular electronic factories**

**Terry London**, Product Owner, Proekspert, Tallinn, Estonia

10:20 **Shaping the digital transformation of manufacturing**

**Dr. Dominik Rohrmus**, CEO LNI4.0 (LABS NETWORK INDUSTRIE 4.0), Berlin

10:40 Coffee Break



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## Engineering 4.0 and RAMI 4.0

- 11:10** **Engineering 4.0 – Change of engineering processes?**  
Univ.-Prof. Dr.-Ing. **Alexander Fay**, Head of Institute of Automation, Helmut Schmidt Universität Hamburg
- 11:40** **RAMI 4.0 and Modeling Examples of Industrie 4.0 Components**  
Dr. **Ulrich Löwen**, Senior Principal Engineer, Siemens AG
- 12:10** **Discussion, Q&A session with the experts**

12:30 Lunch

## Engineering Standardization for Industrie 4.0

- 13:30** **Is the component or the tool the genuine one? - Report on Standardisation of ISO 20229 Interoperability of object identification systems 4.0**  
Dr. **Benno Schnitzer**, CEO, KURZ digital solutions GmbH & Co. KG
- 13:50** **Integrated Digitalization with AutomationML – Bridging the gap between Products and Production**  
Dr. **Florian Himmler / David Weichart**, Consultants, evosoft GmbH
- 14:10** **OPC UA (Open Platform Communications Unified Architecture) as trendsetting communication architecture in production and ICT**  
**Frank Egersdörfer**, CEO, COSMINO AG
- 14:30** **Transition from OPC UA to OPC UA TSN (Time Sensitive Networking)**  
**Guenther Stefan**, Business Development Manager IIoT, National Instruments, Austin, TX, USA
- 14:50** **Ubiquitous Mass Raw Data Access by Homogenization Architecture**  
**Ian Knox**, Senior Developer, Data Ahead GmbH

15:10 Coffee Break / Kaffeepause

## 15:30 ENGINEERING 2050

**Phase 3: Cyber Engineering Objects (CEOs)**  
**Frank Wolter**, VDI Bayern Nordost / VDE Nordbayern, WG Integrated Plant Engineering

## 15:50 Best Practice for Standardization

**Industrial Communication of the future: IoT**  
Dr.-Ing. **Berthold Panzner**, Nokia Networks

## 16:10 Positive Thinking 4.0

**Angst 4.0 - The management challenge of the future**  
Dr. **Regina Brinkmann-Göbel**, former professor FH Bielefeld, managing director KMW Consult & Qualifizierung

16:30 Networking with fingerfood

# IPPEC 2017 Integrated Plant Engineering Conference

## Organizer:

Industrie- und Handelskammer Nürnberg für Mittelfranken,  
presented by President Dirk von Vopelius and CEO Markus Löttsch. Ulmenstraße 52, 90443 Nürnberg



*For organizational questions please contact.*

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## VDE NORDBAYERN

VDI-Bezirksverein Bayern Nordost e.V. / VDE-Bezirksverein Nordbayern e.V.,  
WG Integrated Plant Engineering / AK Durchgängige Anlagenplanung  
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