



International Production Environmental Community
Digitalization & Sustainability

International Conference

„Digitalization & Sustainability“

March 3, 2021 | Online

The International Production Environmental Community continues the (previous) European exchange of ideas and best practices at the Integrated Plant Engineering Conferences (IPEC), which has been held annually in Nuremberg since 2013.

With reference to the UN Sustainable Development Goals (e.g. 9, 12, 13), we will intensify the European dialogue with partner countries such as Austria, Belgium, Czech Republic, Denmark, Estonia, Finland, France, the Netherlands, Norway, Slovakia, Sweden, UK in order to contribute to a more competitive and sustainable industry through digitalized solutions.

Agenda

09:30 Uhr **Opening of the online conference room**

10:00 Uhr **Introduction and welcome**
Dr. Ronald Künneth, Industrie- und Handelskammer Nürnberg für Mittelfranken / Automation Valley Nordbayern

10:10 Uhr **Key Note: Sustainable digital business models for industrial processes**
Dr. Dina Barbian, Director of the Institute for Sustainability, Nuremberg

... out of international regions

10:35 Uhr **Sustainable Logistics at the Port of Rotterdam – Benefits for Production in Europe**
Stijn van Els, Director Commercial Delivery, Port of Rotterdam

10:55 Uhr **Blockchain to proof sustainability and transparency in the pulp & paper industry in North America**
Thomas Olofsson, CTO, BTblock LLC, North America / Sweden

11:15 Uhr **Giving digital life to old process factories**
Meelis Viisileht, CEO/Mechanical Engineer, Teamwork Engineering OÜ, Estonia

11:35 Uhr **Circular Economy Business Model Innovation within Manufacturing Companies**
Prof. Tim C. McAloone, Technical University of Denmark

11:55 Uhr **Using Edge Machine Learning to monitor and optimize pollutant emissions**
Andreas Elm, Tech Lead DACH, Ekkono Solutions, Sweden

12:15 Uhr **Transformation of knowledge work through digital platforms with focus on sustainability**
Radoslav Mizera, Partner, Solved - The Cleantech Company Ltd. Slovak Republic

12:35 Uhr **Digitalisation, Sustainability & Internationalisation – Support for SMEs in Europe**
Dr. Markus Döbbelin, Enterprise Europe Network



Industrie- und Handelskammer
Nürnberg für Mittelfranken

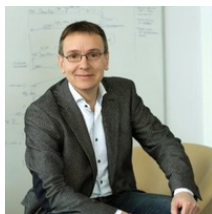
Future Session ENGINEERING 2050

13:00 – 18:00 Uhr Virtual Matchmaking

All participants can create a competence profile during the registration process on the B2Match platform as guidance to arrange individual bilateral meetings.

14:00 – 15:00 Uhr Virtual Partnering Pitches

1. ENGINEERING 2050 ... Open Innovation Platform
2. Smart Industry Nederland
3. CO2 Compliance determination of the production
4. Natural capital valuation to improve reporting and environmental performance
5. Digital Solutions to Urban Logistics & Last Mile Distribution, at large scale
6. NextGen Printed Circuit Board (PCD)
7. Monitor and manage critical industrial liquids
8. AI driven accident prevention in production site environments



Moderation in the morning by
Professor Dr. Alexander Pflaum,
Director Center for Supply Chain
Services at Fraunhofer IIS



Moderation Future Session
ENGINEERING 2050 by
Dr. Dina Barbian,
Director of the Institute for Sustai-
nability, Nuremberg

Registration for the Conference:



Please register here:



<https://ipec2021.b2match.io/>



Organizer



Industrie- und Handelskammer Nürnberg für Mittelfranken,
presented by President Dr. Armin Zitzmann and CEO Markus
Lötzsch (Hauptmarkt 25/27, 90403 Nürnberg).

For organizational questions please contact

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For questions concerning the International bilate- ral Meetings please contact:



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Supported by Partner Organizations:



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