



International Production Environmental Community

Energy | Supply Chain & Logistics | Human-centered Production



International Conference

„Europe's future production“

March 8 & 9, 2023 | Online

The International Production Environmental Community continues the 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, Belgium, Estonia, Finland, Italy, the Netherlands, Norway, Slovakia, USA in order to contribute to a more competitive and sustainable industry through digitalized solutions.

Agenda

09:30 Opening of the online conference room

09:35 Introduction and welcome

Dr. Ronald Küneth, Nuernberg Chamber of Commerce and Industry, Automation Valley Nordbayern

Energy: Introduction by Dr. Dina Barbian

09:40 Model-based design and control of CO₂-neutral energy systems

Dr. Jochen Lorz, CEO, HEITEC Innovations GmbH, Germany

10:00 European Energy Management Best-Practices – Saving Energy, Costs and CO₂

Stefan Schmidt, CEO, EUREM International GmbH, Germany

Markku Harmaala, (Master of Engineering), Training Specialist, Taitotalo, Finland

10:20 Renewable energy – coordinating on-site photovoltaics, batteries and demand-side flexibility

Peeter Meos, CTO, Gridio 2.0 OÜ, Estonia

Supply Chain & Logistics: Introduction by Dr. Dina Barbian

10:40 Supply chain resilience and carbon reporting with industrial data spaces

Dr. Dominik Rohrmus, CTO, Labs Network Industrie 4.0 e.V., Germany



Industrie- und Handelskammer
Nürnberg für Mittelfranken

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| 11:00 | Internet of Values – Sustainable Global Value Creation Fabian Hartner, Research Associate, Institute for Factory Automation and Production Systems (FAPS) / Friedrich-Alexander University Erlangen-Nuremberg, Germany |
| 11:20 | Data sharing for more efficient logistic chains Kevin Lammerts & Stephanie van den Berg, Strategy & Innovation – Sustainability Lead, portbase, The Netherlands |

11:40 till 12:30 Break time

Human-Centered Production: Introduction by Dr. Dina Barbian

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| 12:30 | Human-Centered AI & robotic concepts Prof. Dr. Wolfram Burgard, Founding Chair of the Department of Engineering & Professor for AI & Robotics, University of Technology Nuremberg, Germany |
| 12:50 | Future Design of Human-Centered Collaborative Assembly Workstations for the Improvement of Operators' Physical Ergonomics and Production Efficiency Luca Gualtieri, Research Assistant, Faculty of Science and Technology Free University of Bozen-Bolzano, Italy |
| 13:10 | AI for humans René Schallner, Senior Researcher, Nuremberg Institute for Market Decisions, Germany |
| 13:30 | Biometric based IT security solutions Jan-Erik Skaug, CEO, Pone Biometrics AS, Norway |
| 13:50 | Introducing Production Health as a means to improve manufacturing for people and the planet Artem Kroupenev, VP Strategy, Augury, USA |
| 14:10 | AI based skill development Michael Plentinger, CEO, greple GmbH, Germany |

Virtual Partnering Pitches

14:30 Virtual Partnering Pitches

To foster the dialogue between the participants we plan 8-10 partnering pitches (each 5 minutes) from participants looking for project partners.

2nd Day (March of 9, 2023) | Virtual Matchmaking

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| 09:30 | Welcome |
| 09:40 | Developing machinery of the future with low-code technology Jan Peter Meeuwse, COO, Cordis SUITE, The Netherlands |
| 10:00 | Talk & Match: Your time to schedule online meetings with other participants. |



Wir stehen Unternehmen zur Seite



Moderation by Dr. Dina Barbian,
CEO, eco2050 Institute for Sustainability GmbH, Nuremberg
Spokeswoman, Network Digitalization & Sustainability, VDE
Association for Electrical, Electronic & Information Technologies in Bavaria

Organizer



Nuernberg Chamber of Commerce and Industry, presented by President Dr. Armin Zitzmann and CEO Markus Löttsch (Hauptmarkt 25/27, 90403 Nürnberg).

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Supported by | Member of the Program Committee.

VDE BAYERN

Dr. Dina Barbian

Spokeswoman Network Digitalization & Sustainability, VDE Association for Electrical, Electronic & Information Technologies Bavaria

Director, eco2050 Institute for Sustainability GmbH, Germany

For questions concerning the International bilateral Meetings please contact:



bayern **innovativ**

Participation

The conference is free of charge. The language is English.

Bianca Trummer

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Supported by Partner Organizations:



Registration for the Conference:



Please register here:

🔗 <https://ipec-2023.b2match.io/>



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