IHK Industrie- und Handelskammer Nürnberg für Mittelfranken

Call for Speakers: Advanced Automation & Human-Centric Robotics



Deadline: 4th of December 2026

We are excited to announce the IPEC 2027 conference

which will take place online on **Wednesday, March 10th, 2027 from 09:00–13:00 CET**.

This international event is designed to advance dialogue and collaboration between industry, research, technology providers and international partners, bringing together leading experts, innovators, policymakers and industry stakeholders to discuss the opportunities and challenges emerging from the next generation of automation, robotics and Physical and Agentic AI.

We are calling for expert speakers to contribute to the conference by presenting on the following key topics:

Key Topics:

- **Next-Generation Automation & Robotics:** Emerging technologies, applications and innovations shaping the next generation of industrial automation and intelligent robotics.
- **Physical & Agentic AI & Intelligent Machines:** Combining artificial intelligence with robotics, autonomous systems, perception, simulation, machine learning and real-world interaction.
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- **Humanoid Robotics & Human-Robot Collaboration:** Exploring industrial applications, technological challenges and opportunities for humanoid robots and new forms of collaboration between humans and machines.
- **Industrial Applications & New Use Cases:** From manufacturing and logistics to construction, infrastructure, healthcare, defence and other emerging fields of robotic automation.
- **Safety, Cybersecurity & Trusted Robotics:** Ensuring safe, secure and reliable robotic systems through functional safety, cybersecurity, standards and trusted digital infrastructures.

- **Components & Robotics Supply Chains:** Identifying future demand for sensors, drives, electronics, mechanical components, software, AI, energy systems and other key technologies required for advanced robotics.
- **Automotive Transformation & Opportunities for Suppliers:** Exploring how competencies from the automotive supply industry – including mechatronics, electronics, sensors, drives, manufacturing and system integration – can be transferred into robotics, automation and humanoid systems.
- **Industrial Scale-up & European Competitiveness:** Strengthening European robotics ecosystems, resilient supply chains and industrial capabilities to move new technologies from prototypes towards scalable production and international markets.

International Perspectives

We particularly welcome contributions presenting concrete technologies, applications, industrial strategies and ecosystem approaches from leading robotics and automation European regions.

Who Can Apply:

We are looking for experts, thought leaders, policy makers and practitioners from a range of industries, including:

- Robotics & Industrial Automation
- Automotive & Automotive Suppliers
- Production Technology for Meditec and Pharmacy
- Mechanical & Electrical Engineering

- Artificial Intelligence & Software
- Sensors, Electronics & Semiconductor Technologies
- Logistics & Autonomous Systems
- Research & Technology Transfer
- Start-ups & Scale-ups
- International Robotics & Innovation Ecosystems

Speaker Format:

- **Session Speakers:** 10–20-minute presentations in one of the listed key topic areas.
- **Innovative Projects:** Presentations of 5 minutes and 5 slides showcasing innovative projects, start-ups, pilot applications or collaborations.

Submission Details:

To apply as a speaker, please submit your proposal by **[4th. December 2026]**, including:

- Title of your presentation
- Brief abstract (max. 300 words)
- Key outcomes (3–5 bullet points)
- Speaker bio (max. 200 words) with contact details including affiliation and country/region
- Relevant experience or past speaking engagements

Contact Information:

For any inquiries or to submit your proposal, please contact:

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We look forward to your contributions and to welcoming you to IPEC 2027!

IHK Industrie- und Handelskammer Nürnberg für Mittelfranken

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