IHK Industrie- und Handelskammer Nürnberg für Mittelfranken

Call for Partners – IPEC 2027



Online Conference – planned for 10th of March 2027

Dear Partners and Friends of the IPEC,

following the previous editions of the **International Production Environmental Community (IPEC)**, we are currently preparing **IPEC 2027**, focusing on the transformation of industrial automation through robotics, autonomous systems and new human-centric robotic technologies.

The conference is intended to bring together **companies, technology providers, research institutions, start-ups, industry networks and international partners** to exchange practical experience, identify emerging technologies and explore new opportunities for European industry.

For IPEC 2027, we are looking for **international and regional partners who would like to contribute to the development and outreach of the conference.**

Focus of IPEC 2027

The planned thematic framework includes:

- **Advanced Automation & Next-Generation Robotics**
- **Physical & Agentic AI and Autonomous Systems**
- **Humanoid and Assistive Robotics | Human-Robot Collaboration**

- **Industrial Applications and Use Cases**
- **Safety, Functional Safety and Cybersecurity**
- **Sensors, Drives, Electronics, AI and Robotics Components**
- **Scaling Robotics from Prototype to Industrial Production**
- **New Business Opportunities for SMEs and Industrial Suppliers**
- **Transfer of Automotive and Manufacturing Competencies into Robotics**
- **European and International Robotics Ecosystems**
- **Production Technology for the Medical Technology and Pharmaceutical Industries**

A particular focus will be placed on the question:

How can existing industrial and automotive supplier capabilities be transferred into the emerging robotics and humanoid robotics value chain?

This may include competencies such as mechatronics, drives, gearboxes, sensors, machine vision, electronics, power electronics, batteries, precision manufacturing, lightweight structures, safety technologies, software and system integration.

International Perspectives

We would particularly like to include experiences and perspectives from leading and emerging robotics ecosystems.

How Partners Can Contribute

Partners can support IPEC 2027 in different ways, for example by:

- suggesting **speakers, companies or research institutions**
- contributing **use cases, projects or technology examples**
- presenting activities from their own **robotics or automation ecosystem**
- identifying **innovative start-ups and SMEs**
- supporting the international dissemination of the **Call for Speakers and conference invitation**
- sharing the event through newsletters, websites and social-media channels
- connecting IPEC with relevant **clusters, associations and technology networks**

- contributing to international sessions or panel discussions
- supporting potential **matchmaking and cooperation opportunities**

There is **no financial commitment associated with becoming an IPEC network partner**.

The objective is to develop the program jointly with partners and create a platform that offers practical value for industry and strengthens international cooperation in automation and robotics.

What We Are Looking For

We are particularly interested in partners with activities related to:

Robotics | Industrial Automation | Humanoid Robotics | Physical AI | Autonomous Systems | Automotive Suppliers | Mechatronics | Electronics | Sensors | Artificial Intelligence | Safety & Cybersecurity | Manufacturing | Technology Transfer

Concrete industrial applications, demonstrators, pilot projects and lessons learned are especially welcome. No Sales presentations.

About IPEC

The **International Production Environmental Community (IPEC)** is an international conference initiative bringing together companies, research institutions, technology networks and international partners around emerging industrial technologies and transformation topics.

Previous IPEC editions have addressed issues including artificial intelligence, sustainable manufacturing, technological sovereignty, defence and security, resilient supply chains and international industrial cooperation.

IPEC 2027 will continue this approach with a focus on the next generation of **automation, robotics and intelligent machines**.

Interested in becoming a partner?

We would be pleased to discuss possible contributions and cooperation for IPEC 2027.

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We look forward to developing **IPEC 2027 together with our international partners.**

Supported by (provisional list)

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