IHK Industrie- und Handelskammer Nürnberg für Mittelfranken

Call for Speaker | Call for Contribution

(13th of March 2024)

IPEC 2024

International Production Environmental Community

Catalyzing Change:
Industry Transformation through AI and Circular Economy

For the **9th time** we will be holding an international Conference on Digitalization & Sustainability with reference to the **UN Sustainable Development Goals** like e.g. quality education (SDG 4), industry, innovation & infrastructure (SDG 9), responsible consumption & production (SDG 12). The upcoming event will be an online format on **13 th of March 2024** focussing on

Catalyzing Change: Industry Transformation through AI and Circular Economy

The **IPEC 2024** aims to promote **networking** and **knowledge exchange** between companies from Bavaria and international companies, start-ups and research institutions.

We will adress e.g. the following topics:

1. **Circular Economy Strategies:** Explore innovative approaches to reduce waste and promote sustainability within industries, including circular supply chains, product design for recycling, and waste reduction.

2. **Circular Economy Metrics and Reporting:** Explore methods and frameworks for measuring and reporting on circular economy performance, allowing organizations to track their progress and communicate their sustainability efforts effectively.

3. **AI-driven Resource Efficiency:** Discuss how artificial intelligence and machine learning can optimize resource utilization, energy efficiency, and waste management in various sectors.

4. **Data Analytics for Sustainability:** Analyze how data analytics, AI, and IoT technologies can be used to monitor and measure environmental impact, enabling more informed decision-making.

5. **Sustainable Production Technologies:** Examine the adoption of sustainable and eco-friendly manufacturing processes, such as 3D printing, green chemistry, and renewable energy integration.

6. **Supply Chain Optimization:** Delve into AI-powered solutions for enhancing supply chain transparency, traceability, and sustainability, reducing the environmental footprint and promoting ethical sourcing.

7. **Circular Business Models:** Explore innovative business models that align with the circular economy, including sharing, remanufacturing, and product-as-a-service models.

8. **Circular Design and Innovation:** Focus on the role of AI in driving product and service design with a circular mindset, ensuring that products are durable, repairable, and recyclable.

9. **Policy and Regulatory Frameworks:** Discuss the role of governments and regulatory bodies in promoting industry transformation through AI and the circular economy, including incentives, standards, and compliance measures.

On the **conference day** we are planning approx**. 8-10 speeches** (ca. 15-20 min.) from different countries addressing different aspects of AI & Circular Economy. All presentations should be **no sales** presentations. There will be also a project pitch session with 6-8 presentations (ca. 5 min. & 5 slides) to present new ideas.

All registered participants are invited to arrange bilateral online meetings on our **interactive platform** for about 2 weeks to find **new project partners and exchange** ideas. Every participant can also place offers in a marketplace section on the platform. The platform is accessible after registration.

Conference participation is **free of charge**. Conference language is **English**.

If you are interested in holding a presentation, please contact us before the **1st of December 2023.**

Further information about past events

- IPEC 2023 - b2match (267 participants from 37 countries)
- IPEC 2022 - IPEC 2022 (b2match.io) (376 participants from over 30 countries)
- IPEC 2021 - IPEC 2021 (b2match.io) (357 participants from about 40 countries)

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