## TUESDAY | SEPTEMBER 30

**8:30 AM**   **Conference Registration**

**9:00 AM**   **Welcome and Conference Introduction**
Dr. Sibylle Freitag, Automotive Circle, DE

### DATA DRIVEN INNOVATIONS

**9:30 AM**   **What is AI, and how can we use it in production? – An overview with some examples**
Prof. Thomas Bäck, divis intelligent solutions GmbH, DE

**10:00 AM**   **A data-centric framework for intelligent line balancing in high-variant production**
Victor Küpper, TAKTIQ GmbH & Co. KG, DE

**10:30 AM**   **Meet the Speakers | Coffee and contacts**

**11:15 AM**   **tba**
tba

### DIGITAL TWINS AND THE INDUSTRIAL METAVERS

**11:45 AM**   **Data & AI: Driving performance in automotive production**
Gabriel Audry, Thierry Daneau, Renault Group, FR

**12:15 PM**   **AI-powered digital twins: Transforming automotive manufacturing for efficiency and sustainability**
Sergei Altynbaev, Ailoys, DE

**12:45 PM**   **Lunch Break**

**2:00 PM**   **Digital humans in the industrial metaverse**
Martin Weidhas, imk Industrial Intelligence GmbH, DE

**2:30 PM**   **A European battery cell production realized in the Industrial Metaverse**
Dr. Andreas Letsch, Bosch Rexroth AG, DE;
Dr. Anselm Lorenzoni, EDAG Production Solutions, DE

### DIGITAL PRODUCT PASSPORT

**3:00 PM**   **All automotive components can be digitalized**
N.N., Avery Dennison Smartrac, FI

**3:30 PM**   **Meet the Speakers | Coffee and contacts**

### JOINT SESSION:
### SMART PRODUCTION CONFERENCE & SUSTAINABILITY IN PRODUCT AND PRODUCTION ENGINEERING CONFERENCE

**4:15 PM**   **Data-driven circular economy – Digital Twins as foundation for the Digital Product Passport**
Alexander Christ, :em engineering methods AG, DE

**4:45 PM**   **AI-powered robotics: driving efficiency through autonomous inspection**
Roger Hebert, Caleb Sylvester, Boston Dynamics, US

**5:45 PM**   **Get-Together: Meet the speakers**

**7:00 PM**   **Networking Dinner**

\*   All times in CET (UTC+1)
Conference program is subject to change
Status as of: July 31, 2025

REGISTER **NOW!**

## SMART PRODUCTION 2025
## DIGITALIZING AUTOMOTIVE MANUFACTURING

AGENDA

# SEP 30 – OCT 1
## SMART **PRODUCTION 2025**

AUTO
MOTIVE
CIRCLE

## WEDNESDAY | **OCTOBER 1**

**8:00 AM** — **Breaking down silos – Recommendations on the "must haves" for a successful manufacturing digital transformation strategy**
Richard Porter, GE Vernova, UK

### ROBOTS IN MANUFACTURING

**8:30 AM** — **Invited: The successful implementation of automomous robots in automotive production**
N.N.

**9:00 AM** — **Smarter robots, smarter plants: AI driving the future of automotive manufacturing**
Kristi Martindale, Palladyne AI Corp, US

### THE HUMAN FACTOR IN A DIGITALIZED FACTORY

**9:30 AM** — **Human-centered automotive manufacturing**
Eilís Carey, Ford-Werke GmbH, DE

**10:00 AM** — Meet the Speakers | Coffee and contacts

**10:45 AM** — **Meeting the challenge of digital adoption**
David Moore, JLR, UK

**11:00 AM** — **Meeting the challenge of digital adoption**
Workshop

**12:00 PM** — Meet the Speakers | Lunch Break

### "VISION"ARY USE OF AI

**1:15 PM** — **Augmenting manual assembly with AI-guided vision inspection**
Catarina Dudas, Peter von Sydow, Volvo Car Company, SE

**1:45 PM** — **AI driven industrial process optimization using generative neural networks for defect detection**
Muhammad Ali Shahid, Fraunhofer IGD, DE

**2:15 PM** — **AI assistant for optimizing picking: Real-time verification of assembly parts at manual stations**
Prof. Jürgen Grinninger, Md Khalid Siddiqui; University of Applied Sciences Neu-Ulm, DE

### CONCLUSION

**2:45 PM** — **Conclusion & Farewell**
OEM Advisory Board;
Dr. Sibylle Freitag, Automotive Circle, DE

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