



# SEP 30 – OCT 1

## SMART PRODUCTION 2025

### AGENDA

## 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** tba  
Daniel Gruber, Mercedes-Benz AG, DE
- 10:30 AM** Meet the Speakers | Coffee and contacts
- 11:15 AM** A data-centric framework for intelligent line balancing in high-variant production  
Victor Küpper, TAKTIQ GmbH & Co. KG, DE
- 11:45 AM** Data & AI: Driving performance in automotive production  
Gabriel Audry, Thierry Daneau, Renault Group, FR

### DIGITAL TWINS AND THE INDUSTRIAL METAVERS

- 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  
Lauri Hyytinen, 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, sem 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: September 9, 2025



**REGISTER NOW!**

## SMART PRODUCTION 2025 DIGITALIZING AUTOMOTIVE MANUFACTURING

Conference venue: Hotel DOLCE Bad Nauheim  
Elvis-Presley-Platz 1 | DE-61231 Bad Nauheim  
www.dolcebadnauheim.com

Your contact: Wiebke Drohla  
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**AUTO  
MOTIVE  
CIRCLE**

# SEP 30 – OCT 1

## SMART PRODUCTION 2025

AGENDA

### 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

#### AI ROBOTICS

**8:30 AM** **Smarter robots, smarter plants: AI driving the future of automotive manufacturing**  
Kristi Martindale, Palladyne AI Corp, US

**9:00 AM** **AI Robotics for the next generation of automotive assembly**  
Dave Grant, PickNik, US

**9:30 AM** **Meet the Speakers | Coffee and contacts**

#### THE HUMAN FACTOR IN A DIGITALIZED FACTORY

**10:15 AM** **Human-centered automotive manufacturing**  
Eilís Carey, Ford-Werke GmbH, DE

**10:45 AM** **tba**  
tba

**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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## SMART PRODUCTION 2025 DIGITALIZING AUTOMOTIVE MANUFACTURING

Conference fee: 1.995 €\* for registrations received by August 29, 2025 | 2.195 €\* for registrations received after August 29, 2025

\* All prices plus 19% German VAT

Registration and Terms & Conditions at [www.automotive-circle.com](http://www.automotive-circle.com)