



# NOV 28 – 29

## SMART PRODUCTION 2023

### AGENDA

## TUESDAY | NOVEMBER 28

**9.00 am** **Welcome and conference introduction**  
Dr. Sibylle Freitag, Automotive Circle, DE

**9.15 am** **IMPULSE**  
**AI in smart production: Methods and application examples**  
Prof. Dr. Thomas Bäck, divis intelligent solutions GmbH, DE/Leiden University, NL

### DATA DRIVEN INNOVATIONS

**9.45 am** **Cloud computing as enabler for the BMW iFactory**  
Michael Schmidt, BMW Group, DE

**10.15 am** **Coffee and Meet the Speakers**

**11.00 am** **Smart search engine to unlock the full potential of technical databases**  
Charles Zgheib, BrightClue, FR

**11.30 am** **From predictive to prognostic maintenance for shopfloor machinery with decentralised AI**  
Tejo Chalasani, Utpatti, DE; Pavel Hartl, Bosch, CZ

**12.00 pm** **Data analytics and machine learning in automotive production**  
Sebastian Findeisen, Mercedes-Benz AG, DE

**12.30 pm** **Lunch Break**

**1.45 pm** **Smart optical quality inspection in automotive battery manufacturing**  
Matthias Prams, soft agile GmbH, DE

**2.15 pm** **OEM REPORT**  
– virtual presentation –  
**The importance of digitalization in manufacturing**  
Dalwyn Williams, General Motors Company, US

### DIGITAL TWIN TECHNOLOGIES

**2.45 pm** **Revolutionizing industries: NavVis at the nexus of sustainability, the industrial metaverse, and automotive excellence in production with BMW**  
Dr. Felix Reinshagen, NavVis, DE

**3.15 pm** **Coffee and Meet the Speakers**

**4.00 pm** **Digital twin 4 circularity: Closing the loop from virtual product development to disassembly and beyond**  
Dr. Robert Dannecker, Tecosim, DE

### AUTONOMOUS ROBOTS

**4.30 pm** **Utilizing autonomous robots for inspections, reliability & maintenance**  
**+++ live robot demonstration +++**  
Caleb Sylvester, Roger Hebert, Boston Dynamics, US

**5.30 pm** **End of first conference day**

\* All times in CET (UTC+1)  
Conference program is subject to change  
Status as of: October 23, 2023



**REGISTER NOW!**

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## SMART PRODUCTION 2023: DIGITALIZING AUTOMOTIVE MANUFACTURING

**Conference venue:** Hotel DOLCE Bad Nauheim  
Elvis-Presley-Platz 1 | DE-61231 Bad Nauheim  
[www.dolcebadnauheim.com](http://www.dolcebadnauheim.com)

**Your contact:** Paula Reisner  
Junior Event Manager | Automotive Circle  
T +49 511 9910-373 | [paula.reisner@vincentz.net](mailto:paula.reisner@vincentz.net)  
[automotive-circle.com](http://automotive-circle.com)





# NOV 28 – 29

## SMART PRODUCTION 2023

AGENDA

### WEDNESDAY | NOVEMBER 29

#### 8.30 am **IMPULSE**

**Specific use-case examples of applying generative AI in industrial manufacturing**  
Dr. Theo Steininger, Erium GmbH, DE

#### **SMART PRESS SHOP**

**9.00 am Smart Production and Smart Engineering – a winning combination**  
Dr. Jochen Hambrecht, AutoForm Engineering Deutschland GmbH, DE; Andreas Gebele, Schuler Pressen GmbH, DE

**9.30 am Cloud-based digitalization of forming tools**  
Otto-Michael Lampert, iLARIZ GmbH, DE

#### 10.00 am **Coffee and Meet the Speakers**

#### **HOLISTIC SOLUTIONS FOR A CONNECTED FACTORY**

**10.45 am Transparency in production: 360° view on machine, process and quality data**  
Stefan Hagen, GEFASOFT – Germanedge, DE

**11.15 am Rethinking monolithic solutions in production IT: Bringing SCADA and MES together**  
Felix Losch, Dürr Systems AG, DE

**11.45 am t.b.a.**  
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#### **GETTING VISIBLY SMARTER**

**12.15 pm Increasing productivity with visual machine error exploration**  
Marvin Thiele, Visense AG, DE

#### 12.45 pm **Lunch Break**

**1.45 pm Real-time human poser recognition in the industrial environment based on AI**  
Luis Arce Valenzuela, Eines Vision Systems, ES

**2.15 pm Sensor solutions for smart logistics in automotive production**  
Andreas Höll, SICK AG, DE

#### **AUTONOMOUS DRIVING ASSEMBLY**

**2.45 pm Smart commissioning of autonomous vehicles**  
Lennard Margies, ZeMA, DE

**3.15 pm Closing remarks and evaluation**  
OEM Advisory Board

**3.40 pm Farewell**  
Dr. Sibylle Freitag, Automotive Circle, DE  
**End of conference**

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Status as of: November 3, 2023



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## SMART PRODUCTION 2023: DIGITALIZING AUTOMOTIVE MANUFACTURING

See you next year at the **Smart Production conference in November 2024** in Bad Nauheim again!

**Conference fee:** 2.095 €

All prices plus 19% German VAT

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