

# ASSEMBLY ENGINEERING 2022

SEPTEMBER 20-21, 2022 | BAD NAUHEIM, GERMANY

**8 OEM  
REPORTS BY**  
Audi · BMW · Ford  
Renault · Jaguar  
Land Rover · Nissan  
Volkswagen

## TUESDAY, SEPTEMBER 20, 2022

**9.00 am** **Welcome and conference introduction**  
*Katharina Roeder, Automotive Circle, DE*

**9.15 am** **KEYNOTE**  
**How to avoid transformation jam ... a success story**  
*Dr. Cornelia Strobel, Next Impact GmbH, DE*

### CURRENT AND FUTURE PROJECTS IN ASSEMBLY ENGINEERING

**9.45 am** **The future of digital human work planning**  
*Dr. Sascha Ullmann, imk Industrial Intelligence GmbH, DE;  
Prof. Dr. Peter Kuhlmann, MTM Association e. V., DE*

**10.15 am** **Adjusting levers for efficient and flexible assembly**  
*Michael Pesamosca, Ingenics AG, DE*

**10.45 am** ☕ **Coffee & Contacts and**  
👥 **Meet the Speakers**

**11.15 am** **The launch of NIF (Nissan Intelligent Factory)**  
*(working title)*  
*Yoshiyuki Takagi, Nissan, JP*

**11.45 am** **JLRs Modular Longitudinal Architecture (MLA)**  
**introduction into final assembly and future**  
**re-imagine strategy**  
*Jamie Cartwright, Gurvinder Bisla, Jaguar Land Rover  
Ltd, GB*

**12.15 pm** **Connected commissioning of automated and**  
**autonomous vehicles in production**  
*Lennard Margies, ZeMA gGmbH, DE*

**12.45 pm** **iFACTORY – Focus Green**  
*Claudia Maasdorp, BMW Group, DE*

**1.15 pm** 🍴 **Lunch break and**  
👥 **Meet the Speakers**

### NEW CONCEPTS FOR ASSEMBLY ENGINEERING

**2.30 pm** **How to uncover hidden optimization potentials**  
**with Motion-Mining**  
*Sascha Kaczmarek, MotionMiners GmbH, DE*

**3.00 pm** **Achieving success with automated fluid dispensing**  
**in modern automotive assembly**  
*Michael Bonner, Saint Clair Systems, Inc., US*

**3.30 pm** **Scalable assembly of fuel cell stacks**  
*Jan Queetz, Schaeffler Technologies AG & Co. KG, DE;  
Prof. Dr. Rainer Müller, ZeMA gGmbH, DE*

**4.00 pm** ☕ **Coffee & Contacts and**  
👥 **Meet the Speakers**

**4.30 pm** **Lean manufacturing: How to create a consistent**  
**basic supply for assembly technology along the entire**  
**assembly lines**  
*Volkhardt Mücher, eepos GmbH, DE*

**5.00 pm** **Modular assembly – from concept to series production**  
*Verena Bossdorf, Audi AG, DE*

**5.30 pm** **End of day 1**

**6.30 pm** **BBQ Networking Night**



Registration and Terms & Conditions at  
[WWW.AUTOMOTIVE-CIRCLE.COM](http://WWW.AUTOMOTIVE-CIRCLE.COM)



# ASSEMBLY ENGINEERING 2022

SEPTEMBER 20-21, 2022 | BAD NAUHEIM, GERMANY

**8 OEM REPORTS BY**  
 Audi · BMW · Ford  
 Renault · Jaguar  
 Land Rover · Nissan  
 Volkswagen

## WEDNESDAY, SEPTEMBER 21, 2022

**9.00 am** **Re-Assembly Factory – the factory of the future**  
*Tobias Adlon, RWTH Aachen University, DE*

### QUALITY MANAGEMENT AND SECURITY

**9.30 am** **Application examples of the Coupled Process Analysis (CPA) in the automotive industry**  
*Patrick Ackert, Fraunhofer IWU, DE*

**10.00 am** **Augmented Reality projection supports manual assembly and rework tasks in series production**  
*Dr. Peter Keitler, Extend3D GmbH, DE*

**10.30 am** ☕ **Coffee & Contacts and**  
 👥 **Meet the Speakers**

**11.00 am** **Vehicle type approval in the scope of CSMS – consequences for automotive production**  
*Dr. Joachim Leder, Knüvener Mackert GmbH, DE*

**11.30 am** **All in one inline vision quality control system: One fit and finish & spec check & scratch/dent detection**  
*Michael Thomas, Ford Motor Company, DE; Jorge Broto, Eines Vision Systems, FR*

**12.00 pm** **Screw position monitoring at the automotive OEM through integrated image processing on the cordless screwdrivers**  
*Christian Büngel, Volkswagen AG, DE; Robert Bücher, Advanced Realtime Tracking GmbH & Co. KG, DE*

**12.30 pm** 🍴 **Lunch break and**  
 👥 **Meet the Speakers**

**1.45 pm** **POK.AI.OK: Quality control with AI**  
*Gabriel Audry, Groupe Renault, FR; Olivier Gibaru, Arts et Métiers ParisTech, FR*

**2.15 pm** **Presentation by Volkswagen AG**  
*(invited)*

**2.45 pm** **Conclusion and farewell**  
*Katharina Roeder, Automotive Circle, DE*

**3.00 pm** **End of conference**  
*Subject to change (Status as of June 27, 2022)*



**YOUR CONTACT**  
 Mareike Baeumlein  
 Senior Event Manager  
 Automotive Circle  
 T +49 511 9910-383  
[mareike.baeumlein@vincentz.net](mailto:mareike.baeumlein@vincentz.net)

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

**CONFERENCE FEE**  
**TRUST RATE:** 1.795,- € (valid until July 1)  
**EARLY BIRD:** 1.895,- € (valid until August 19)  
**STANDARD:** 1.995,- €

All prices plus 19% German VAT



Registration and Terms & Conditions at  
[WWW.AUTOMOTIVE-CIRCLE.COM](http://WWW.AUTOMOTIVE-CIRCLE.COM)