



**AUTOMOTIVE CIRCLE**  
CONFERENCE

ASSEMBLY ENGINEERING

# INSIGHT @ BMW 2018

Flexibility in Multi-Variant Manufacturing

24 – 25 OCTOBER 2018

STRAUBING/DINGOLFING, GERMANY

WITH 10 OEM REPORTS

**PLUS!**

Guided tour through  
the Dingolfing plant



In cooperation with

**BMW  
GROUP**

Werk Dingolfing

# FLEXIBILITY IN MULTI-VARIANT MANUFACTURING

Manage a wide range of models and successfully handle the impact of new drive systems on final assembly. Running under this motto, the Automotive Circle is organising an Insight Assembly Conference at the Dingolfing plant in cooperation with the BMW Group. The Dingolfing plant is already manufacturing BMW 5 and 7 plug-in hybrids on the same production lines as combustion engine vehicles. Integration of the BMW iNext and a purely electric vehicle have created an even greater need for flexibility in assembling different drive systems.

Our high-calibre assembly network gives you an opportunity to discuss the way final assembly in automotive engineering is impacted by the increasing diversity of different models and by new forms of engines. What are the approaches of manufacturers and suppliers as they seek to meet the rising demand for flexibility and to manage the increasing production of new engine types as well as the proliferation of derivatives? How do logistical supply processes need to be adjusted, so that they can support flexibility in assembly? What technological innovations and IT systems are available to optimise versatile assembly?

Take part in the discussion of these issues and get to know one of the most important competence centres of the BMW Group close to the SOP of the new BMW 8.

We'd love to see you.



**Katharina Röder**  
Presidium  
Automotive Circle



**Jürgen Hartmann**  
Head of Assembly Planning  
BMW Group Plant Dingolfing



## PLUS!

### GUIDED TOUR THROUGH THE BMW GROUP PLANT DINGOLFING

As a highlight of the conference, BMW will open their factory doors for all conference participants and will offer a guided tour of the Dingolfing plant. We will be nicely on time for the launch of the new BMW 8 model, and it will be a good time to be shown round the Group's flagship plant for luxury cars.

# PROGRAMME

WEDNESDAY, 24 OCTOBER 2018

- 9.00 h** **Welcome and conference introduction**  
*Katharina Röder, Automotive Circle, DE*
- 9.15 h** **Welcome address and presentation of the Dingolfing factory**  
*Dr. Andreas Wendt, BMW Group, DE*

## PIONEERING FLEXIBLE PRODUCTION: NEW TECHNOLOGIES AND IT SYSTEMS

- 9.45 h** **The use of real-time localization makes an important contribution to flexible assembly processes – location-based services in production at BMW**  
*Camilla Harnik, BMW Group, DE*
- 10.15 h** **Live Line Balancing System (CAT Cologne Assembly Tool)**  
*Sara Gielen, Betty Cherian-Oddo, Ford-Werke GmbH, DE*
- 10.45 h** ☕ **Coffee & contacts**
- 11.15 h** **Information systems for processes in Industry 4.0**  
*Gerhard Eichner, DE software + control GmbH, DE*
- 11.45 h** **Smart factory – leveraging the potential of mixed reality solutions in assembly and logistics**  
*Dr. Robert Nahm, Microsoft Deutschland GmbH, DE*
- 12.15 h** 🍴 **Lunch break**
- 13.15 h** **Departure from Hotel Asam to the BMW plant in Dingolfing**

## 14.00 h GUIDED TOUR OF THE BMW PLANT DINGOLFING



followed by:

## 🍴👥 NETWORKING NIGHT @ MUSEUM DINGOLFING

Enjoy the evening with your international peers on the unique surroundings of the (car makers') history of Dingolfing.

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- 22.00 h** **Departure to Hotel Asam in Straubing**

THURSDAY, 25 OCTOBER 2018

## PIONEERING FLEXIBLE PRODUCTION: SMART LOGISTICS

- 8.30 h** **Logistical innovations – effective implementation of new technologies in existing structures**  
*Ingrid Vetter, Peter Kirmaier, BMW Group, DE*
- 9.00 h** **The role of intralogistics in series production with a wide range of variants**  
*Dr. Benjamin Kuhrke, Opel Automobile GmbH, DE*

## FLEXIBLE PRODUCTION PROCESSES

- 9.30 h** **Strategies to optimize flexibility at MANN + HUMMEL**  
*Dr. Marco Heck, MANN + HUMMEL Automotive GmbH, DE*
- 10.00 h** **The development of flexibility in vehicle final assembly**  
*Eric Gruber, Magna Steyr Fahrzeugtechnik AG & Co. KG, DE*
- 10.30 h** ☕ **Coffee & contacts**
- 11.00 h** **Model plant – key factors to develop a successful assembly plant (working title)**  
*Colin Walton, Jaguar Land Rover Ltd., GB*
- 11.30 h** **Mixed-model production – Optimize vehicle structure and process balance**  
*Nobumitsu Fujiwara, Toyota Motor Corporation, JP*
- 12.00 h** **The new Nissan Leaf – process design concept for EV and ICA mix production**  
*Yasushi Masuda, Nissan Motor Co., JP*
- 12.00 h** 🍴 **Lunch break**
- 14.00 h** **Manufacturing planning – new platform alignment (working title)**  
*Andrew Kendall, Jaguar Land Rover Ltd., GB*
- 14.30 h** **Adapt! – Systematic approach to creating a versatile production facility**  
*Jakob Weber, Daimler AG, DE*
- 15.00 h** **Swarm assembly – highly flexible and efficient**  
*Michael Weis, Ingenics AG, DE*
- 15.30 h** **Security needs for flexible manufacturing**  
*Gerald Harris, Knüvener Mackert GmbH, Dr. Johann Schnagl, BMW Group; DE*
- 16.00 h** **Farewell and end of conference**  
*Katharina Röder, Automotive Circle, DE*



Subject to change (status as of 18 July 2018)

**Programme updates at:**  
[www.automotive-circle.com](http://www.automotive-circle.com)





# REGISTRATION

## ASSEMBLY ENGINEERING INSIGHT @ BMW 2018

### I hereby register for

- **CONFERENCE** 24 – 25 OCTOBER 2018
- **Early bird:** 1.725,-€\* (for registrations received by 23 September 2018)
- **Standard fee:** 1.825,-€\*

\*All prices plus 19% VAT

Title	First Name
Name	
E-Mail	
Phone	
Company	
Department	Function
Street	
Zip Code/City	
Country	
Order No.	

### METHOD OF PAYMENT

- **Credit Card**
- American Express
- Mastercard
- Visa

Cardholder	Expiry Date
Card Number	Verification Code

- **Yes, I want to be informed about future Vincentz Network events and products via e-mail.**

Date, Signature
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[www.automotive-circle.com](http://www.automotive-circle.com), mail to: [info@automotive-circle.com](mailto:info@automotive-circle.com)

## TERMS & CONDITIONS

### REGISTRATION PROCEDURES

Vincentz Network GmbH & Co. KG  
Automotive Circle  
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DE-30175 Hannover  
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F +49 511 9910-379  
[info@automotive-circle.com](mailto:info@automotive-circle.com)

### DATE AND VENUE

24–25 October 2018

### HOTEL ASAM

Wittelsbacher Höhe 1  
94315 Straubing  
Tel: + 49 (0) 9421 - 78 86 80  
[info@hotelasam.de](mailto:info@hotelasam.de)  
[www.hotelasam.de](http://www.hotelasam.de)

We kindly ask you to make your own hotel reservation at the conference hotel, please refer to "Automotive Circle". The hotel offers a special room rate of 102,- € per single room and night including breakfast and VAT until 23 September 2018.

### CONFERENCE FEES

Early bird: 1.725,-€\*  
(for registrations received by 23 September 2018)  
Standard fee: 1.825,-€\*

Students will get 50 % off the current fee on presentation of a valid student ID.

\* All prices plus 19% VAT.

All conferences in Europe are subject to VAT. To reclaim, please contact your local tax office.

### CONFERENCE FEES INCLUDE

Fees including full conference participation incl. the authority for downloading the presentation on the internet, luncheons, catering and the participation in the guided tour through the BMW plant in Dingolfing as well as the Networking Night.

### CONFERENCE LANGUAGES

The conference will be translated simultaneously into English and German. Please note that the contents of lectures and presentations at simultaneously interpreted conferences are predominately composed in the English language.

### CANCELLATIONS

Fees will be refunded in full if notice of cancellation is received by 23 September 2018. 50 % of the conference fees will be refunded in case notification of cancellation is received later, but not later than 9 October 2018. Delegates who fail to attend without notifying the organiser will be liable for the whole conference fees. Substitutions of delegates may be made at any time. Cancellations and changes should be notified in writing. In all

cases date of postmark shall apply. Any fees to be refunded will be paid after the end of the conference. The organiser reserves the right to change the programme content or to cancel the event due to important reasons. Cancellation fees of third parties that may appear in this context will not be reimbursed.

### DATA PROTECTION

Vincentz Network produces a list of delegates for each event which may include the following information: company name, address (zip code, city, country), name and job function of delegate. This list of delegates will be made available for all conference delegates, speakers, exhibitors and sponsors of the event, who may use the data for promotional purposes. Objection against publication and circulation of this data may be made at any time until 3 weeks prior to the event and has to be made in writing to the organizer. Company's name, city and country might be published on the Internet as reference for upcoming Automotive Circle International conferences.

### PLEASE NOTE

By registering you understand that your participation and attendance at the conference may be videotaped, filmed and/or audio recorded. You agree that the recording may be used for any lawful purposes that Vincentz Network, or its designees, in their sole discretion, may determine. The address data are processed for customer service and information purposes in compliance with the German Federal Data Protection Law. Company's name, city and country might be published on the Internet as reference for the upcoming conferences of Automotive Circle International.

### PICTURES

BMW Group, Vincentz Network

## YOUR CONTACT

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**SAVE  
YOUR  
SEAT!**

**Register until 23 September and  
benefit from the early bird!**

**Vincentz Network GmbH & Co. KG**

Automotive Circle

Plathnerstr. 4c // DE-30175 Hannover

