



# AI IN PRODUCTION

International Conference for  
AI Solutions in Production



**GET YOUR TICKET**

**Hanover, Germany**  
**24/25 September 2019**

## WHAT TO EXPECT AT THE CONFERENCE

- Networking during the event featuring speeches, panel discussion and joint dinner
- Exciting specialist and kick-off speeches as well as breakout sessions
- “Learning from the best” – how AI is transforming production

ORGANISER



IN COOPERATION WITH



**Deutsche Messe**  
Technology Academy

**ATKearney**



The age of artificial intelligence has dawned and many companies are already using self-learning and semi-autonomous systems. AI will become the decisive global competitive for manufacturing companies.

The new conference **AI IN PRODUCTION** is mainly oriented towards all those responsible for production across the industries who wish to implement AI in technical reality in an economically expedient manner. Find out here – behind the buzzwords – what is already possible today, and what will be possible tomorrow. Discuss opportunities, restrictions and risks on-site with the experts

Register online: [www.sv-veranstaltungen.de/ai-production](http://www.sv-veranstaltungen.de/ai-production)

## Moderators



**Arndt Heinrich**  
Manager,  
A.T. Kearney  
GmbH



**Dr. Guido Hertel**  
Partner and  
Managing  
Director,  
A.T. Kearney  
GmbH



**Andreas Strutz**  
Head of Training  
and Further  
Training Vehicle  
Construction,  
Volkswagen AG



**Dr. Volker Franke**  
Managing  
Director,  
HARTING Applied  
Technologies  
GmbH

## Advisory Board

Dr. Ralf Brunken, Volkswagen AG  
Dr. Kai Engel, A.T. Kearney GmbH  
Dr. Volker Franke, HARTING  
Applied Technologies GmbH  
Dr. Guido Hertel, A.T. Kearney GmbH

Gerald Pörschmann, Mechanical  
Engineering Future Alliance  
Prof. Dr. Martin Ruskowski, DFKI  
Andreas Strutz, Volkswagen AG  
Dr. Christian Teutsch, Huawei



**16:00**

## Check-In

Issue of the conference documents  
& welcome coffee

## Business inside: Germany as tech leader?



**16:30**

## Welcome and moderation

**Dr. Guido Hertel**

Partner and Managing Director,  
A.T. Kearney GmbH



**16:45**

## The Basic Principles of AI: From Industry 4.0 to AI – Use Cases in Germany

KEYNOTE

**Prof. Dr. Martin Ruskowski**

Head of Research Innovative Factory Systems,  
German Research Center for Artificial Intelligence



**17:30**

## AI in Production – an International Perspective

KEYNOTE

**Prof. Dr. Dr. h.c. Reinhard Hüttl**

Vice President, National Academy of Science  
and Engineering (acatech), Germany

**18:00**

## Coffee break & Networking



**18:15**

## Chinese AI Competencies in the Background of Made in China 2025

**Flat Chen**

Head of SAP Intelligent Enterprise Solutions and  
Leonardo in APJ and Greater China



**18:45**

## Panel Discussion

AI as a global competitive factor for manu-  
facturing companies – Discussion, amongst  
others, with



**Dr. Andreas Imhoff**  
HARTING Electronics



**Arno Reich**  
Deutsche Messe AG



**Prof. Dr. Martin Ruskowski**  
DFKI



**Andreas Strutz**  
Volkswagen AG



**20:00**

## Evening event

We invite you to Dinner & Networking  
with all our speakers at the  
Restaurant Red Grill,  
Dormero Hotel





09:00

Welcoming address by

Dr. Jochen Köckler

Chairman of the Managing Board,  
Deutsche Messe AG

## Use Cases: AI in Production

Moderation: Dr. Volker Franke, Managing Director,  
HARTING Applied Technologies GmbH



KEYNOTE

09:15

Hype and Opportunity – Industrial Data  
Science in Robotics and Automation

Prof. Dr. Jochen Steil

Institute for Robotics and Process Control,  
Technical University of Brunswick



09:45

From Hype to Company Strategy – the  
Establishment of an AI Corporate Culture

Dr. Oliver Beyer

Strategic Technology Expert,  
HARTING Stiftung & Co. KG

10:15 Coffee break & Networking



10:45

AI for the Analysis of Test Data – A process  
description for the utilization of AI methods  
in testing technology

Dr. Dirk Berndt

Head of Measuring & Testing Technology, Fraunhofer  
Institute for Factory Operation and Automation IFF



11:15

AI Applications Supporting Production and  
Logistics

Ulrich Zastrow

Head of Technology, Portfolio and Projects,  
ŠKODA AUTO a.s., Prague

## AI & the Staff / Training and Further Training

Moderation: Andreas Strutz, Head of Training and Further  
Training Vehicle Construction, Volkswagen AG



KEYNOTE

11:45

A State of Upheaval: Vocational Training in  
the Era of Digitalization

Prof. Dr. Friedrich Hubert Esser

President, Federal Institute for Vocational Training  
(BIBB)



12:15

Training and Further Training: Which New  
Competences Are Required, And How Are  
They To Be Mediated?

Dr. Ralf Brunken

Head of AutoUni, Volkswagen AG



12:45

Lunch break & Networking  
Specialist Exhibition

## Break Out Sessions



13:50

A > Perspectives on AI

Cloud computing, smart data, industrial ana-  
lytics, legal bases and IT security represent the  
necessary infrastructure required for success-  
ful and secure AI applications. The Breakout  
Session A provides an overview of these factors.

B > Making AI Actionable

How does the use of innovative AI technology  
change our business processes? Disruption &  
success factors – New technology providers  
present their innovations in Breakout Session  
Please see **next page** for speakers & topics



# September 25, 2019 > Breakout Sessions

## A > Perspectives on AI

Moderation: Dr. Guido Hertel, A.T. Kearney GmbH



KEYNOTE

14:00

### The Hype Surrounding AI: Between Wishes and Reality

Dr. Christian Schulmeyer  
CSO, Managing Shareholder,  
Empolis Information Management GmbH



14:30

### Production Efficiency in the Digital Factory of the Future

Boris Fiedler  
Digital Leader Robotics, ABB GmbH



### Alexander Laukert

Applications Engineer, B&R Industrie Elektronik



15:00 Coffee break & Networking



15:30

### Artificial Intelligence from a Legal Perspective

Dr. Marc Ruttloff and  
Dr. Eric Wagner  
Lawyers, Gleiss Lutz



16:00 START UP SPEECH

### Reducing Uncertainty in Production Through Artificial Intelligence

Dr. Theo Steininger  
CEO, Erium GmbH / DE Group



16:15 START UP SPEECH

### Regarding the Interaction Between Artificial and Human Intelligence in Process-Industrial Applications

Dr. Fabian Evert · Partner, Qlaym GmbH

## B > Making AI Actionable

Moderation: Arnd Heinrich, A.T. Kearney GmbH



KEYNOTE

14:00

### Cyber Cognitive Intelligence: From Research to Application

Prof. Dr. Marco Huber  
University of Stuttgart and Fraunhofer IPA,  
Centre for Cyber Cognitive Intelligence (CCI)



14:30

### AI in Aircraft Engine Maintenance

Jonas Marx  
Performance Engineering (THIE),  
MTU Maintenance Hannover GmbH



14:45

### AI in Windpark Maintenance

Armin Wallnöfer  
Digital Leader Motion Germany, ABB GmbH



15:00 Coffee break & Networking

15:30

### Digital Decision Making for Production Scheduling – Agile Optimization

Adrian Weiler · CEO, INFORM GmbH



16:00 START UP SPEECH

### AI for Teaching Industrial Robots – Use Cases and Potentials

Christian Piechnick · CEO, Wandelbots



16:15 START UP SPEECH

### Machine Learning in Asset Management

Tim Eschert  
Sales Engineer, Fero Labs



Session A / Session B > There is the possibility of switching after each lecture

16:30

Coffee break and change of rooms



16:45 Experience reports

What are the biggest **stumbling blocks and obstacles** to the implementation of AI projects? Experience exchange and discussion with the participants

17:30

End of the conference



Hanover



Dormero Hotel



Technology Academy Pavillion 36



PLEASE REGISTER FOR THIS CONFERENCE ONLINE

[www.sv-veranstaltungen.de/ai-production](http://www.sv-veranstaltungen.de/ai-production)

### Conference AI in Production

24/25 September 2019

Hanover, Germany

### Participant fee + VAT



Early bird price: 990 € (valid until 26.08.2019)



Regular Price: 1,090 €

### Services

The participant fee includes participation in the evening event on 24.09.2019 incl. dinner as well as in the conference on 25.09.2019 incl. catering, beverages and documentation of the speeches.

### Accommodation possibilities

Domero Hotel  
Hildesheimer Str. 34 - 38  
30169 Hannover  
Phone: +49 511 544200  
Email: [hannover@dormero.de](mailto:hannover@dormero.de)  
[www.dormero.de](http://www.dormero.de)

### Your contacts @ Süddeutscher Verlag Veranstaltungen



#### Project Management

Martina Haeseler

[martina.haeseler@sv-veranstaltungen.de](mailto:martina.haeseler@sv-veranstaltungen.de)



#### Organisation and Registration

Kathrin Schrickler

Phone: +49 8191 125-255

[kathrin.schricker@sv-veranstaltungen.de](mailto:kathrin.schricker@sv-veranstaltungen.de)

Use the Conference for targeted company and product presentations – an ideal opportunity to present your services and products to a high-caliber specialist audience.



#### Sponsoring & Exhibition

Katharina Krines

Phone: +49 8191 125-429

[katharina.krines@sv-veranstaltungen.de](mailto:katharina.krines@sv-veranstaltungen.de)

### Event Organiser

Süddeutscher Verlag Veranstaltungen GmbH  
Justus-von-Liebig-Straße 1  
86899 Landsberg  
[www.sv-veranstaltungen.de](http://www.sv-veranstaltungen.de)

### SPONSORS



**INFORM**

### EXHIBITORS

**Katana** USU



### MEDIA PARTNERS

