

# OPTIMIZE

your Production



Face the future  
of manufacturing

Visitor  
information



**automatica**

The Leading Exhibition for Smart Automation and Robotics

June 19–22, 2018 | Munich

[automatica-munich.com](http://automatica-munich.com)



# Our mission: automated production.

As the leading exhibition for smart automation and robotics, automatica offers the most extensive overview of technology and product trends, thus providing a comprehensive point of orientation.

Be it industrial and service robotics, assembly and handling, machine vision, control systems technology, or software: automatica is all about cross-sector solutions and the common goal to design production processes even more efficiently while ensuring safety.

Just as relevant for business: The application-oriented supporting program with inspiration and solutions for smart factories and sustainable success. In other words: Everything your company needs to succeed.

## What is automatica?

- Leading exhibition for smart automation and robotics
- Driving force for the entire manufacturing sector
- Innovation and trend platform
- Guide for the digital transformation
- Gathering for international top decision-makers



# Our approach: cross-sectoral.

## Production concepts for every sector.

Optimization, efficiency, and efforts to increase productivity concern all sectors and not just specific industries. That is why we bring together decision-makers from across industries. For interdisciplinary exchange. And constructive solutions.



Automotive industry  
(OEM) & suppliers



Plastics &  
rubber industry



Electrical &  
electronics industry



Packaging  
industry



Metal-working  
industry



Food & beverage  
industry



Pharmaceutical, cosmetic  
& medical industry

and all other  
manufacturing sectors



Ready for the automatica experience?

[2018.automatica-munich.com](http://2018.automatica-munich.com)

# More than insights: outlook to the industry's future.

What's hot in the industry?  
What are the current trends?  
Where is the market headed?

automatica is not only a display of the present—we also provide an outlook. As an innovation platform, a trend lab, and a think tank. This makes automatica an essential industry event—shaping the future of automated production.

## Our exhibition sectors:

- Assembly and handling technology
- Industrial robotics
- Professional service robotics
- Machine vision
- Positioning systems
- Drive technology
- Sensor technology
- Control systems technology and industrial communication
- Safety and security technology
- Supply technology
- Software and cloud computing
- Services and service providers
- Research and technology



Visit and benefit:

[automatica-munich.com/visitor](http://automatica-munich.com/visitor)

## Trend topics 2018:

### Digital transformation in manufacturing



### Human-robot collaboration



### Workplace 4.0



## Key Facts 2016:

- 833 exhibitors from 47 countries
- 43,052 visitors from around 100 countries
- 35% international visitors
- 66,000 m<sup>2</sup> of exhibition space
- 98% satisfied visitors
- 82% of visitors are decision-makers

*“automatica in Munich is a platform for automation professionals worldwide to discuss factory automation, digitalization, Industry 4.0 and how they will shape the factory of the future.”*

**Dr. Phil Crothers**, Senior Manager Materials and Manufacturing Technology, Boeing Research & Technology Europe

# Networked with the future. Networked with success.

The factory of the future is smart. This makes adequate IT solutions, products and services even more vital. In response to the huge demand of companies, automatica has now established a dedicated subject area with exhibition space and a forum: **IT2Industry**—in the Future and Innovation Hall B4. It's the spot where industry representatives meet ICT specialists to discuss the challenges of Industry 4.0 in detail.

In addition, IT2I offers all key technologies in a single location, networking with decision-makers as well as application-specific inspiration for small and medium-sized companies.

## IT2I Forum and OPC Day Europe

The IT2I Forum offers captivating technical presentations and discussions about digital networking in production. Manufacturer-independent data exchange will be the OPC Day Europe's focal topic—at the conference on June 21, 2018 as well as at its preview within the IT2I Forum.



Your key to digital networking:  
[automatica-munich.com/en/IT2I](http://automatica-munich.com/en/IT2I)

Industrial  
IT security

Connectivity

M2M  
communication

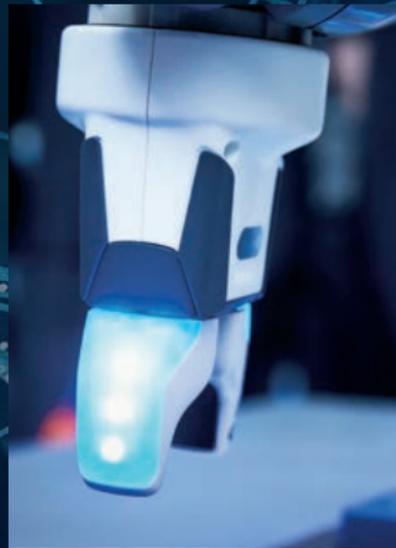
Predictive  
maintenance

Digital  
twin

**IT2I**  
IT 2 INDUSTRY

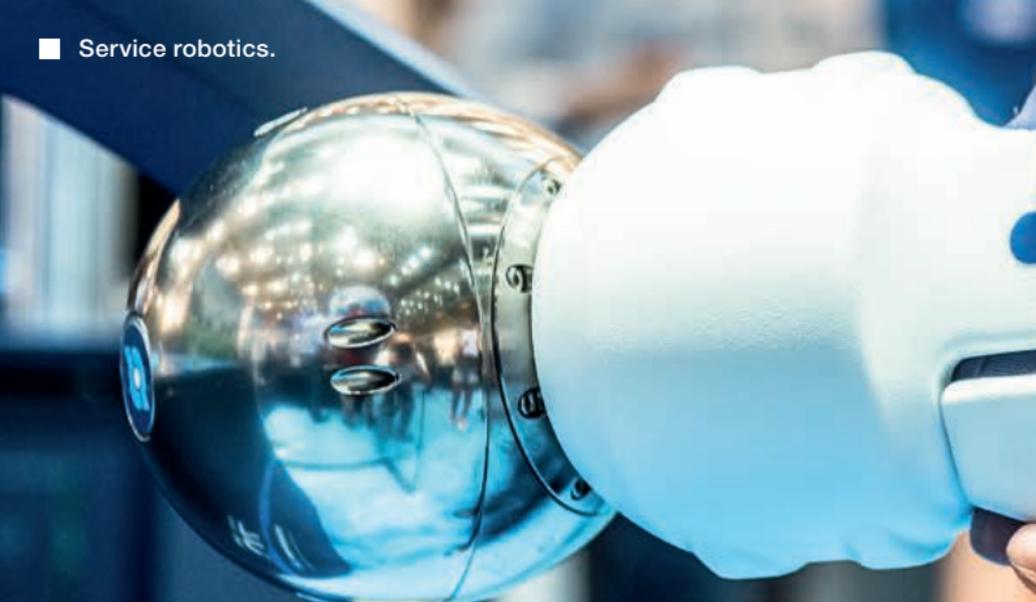
Cloud  
computing  
and big data

Virtual  
reality



*"IT2Industry and the OPC Foundation are linked by the aim of bringing the various parties of IT and industry together. Consequently, automatica is an ideal opportunity for us to present the OPC standard as an interface for automation systems."*

**Stefan Hoppe**, Vice President OPC Foundation Europe



# Developed by humans.

Yesterday's fiction—waiting in the wings today: A new robot generation. Their mission: serving man. Their applications: versatile. For example in retail, logistics, medicine, cleaning, agriculture, and security. Be it driverless transportation systems, stocktaking, or assistants in health care: Service robots will soon be an integral part of our everyday lives.

automatica supports this trend with the dedicated **Professional Service Robotics** exhibition area—also in hall B4. Marketable products as well as components, systems, and technologies are presented here. You can experience robots live in action and interact with them in the adjacent **Demo Park**.



How robots optimize our lives:

[automatica-munich.com/servicerobotics](http://automatica-munich.com/servicerobotics)



# For humans.

## **automatica Start-up Arena**

Special show and new business platform for start-ups, investors, companies, and institutes looking for partners to implement and market innovation projects.

## **automatica Makeathon**

24h development competition for young professionals and students from the fields of software engineering, mechatronics and mechanical engineering who compete in on-site development of software and hardware prototypes.

## **The role of man in the smart factory**

The special show presents how productivity can be increased by optimizing human-machine interaction and how workplaces as well as work conditions can be improved.



# A program packed with know-how.

The supporting program of automatica does much more than just providing information as it offers both width and depth. It builds a bridge from special interest to cross-sectoral topics. Furthermore, it considers all Industry 4.0 states a company may experience. What that means for you: more knowledge, more relevance, more orientation.

## automatica Forum

From vision to practical implementation: The presentations and discussions at the automatica Forum offer valuable know-how transfer in the areas of digitalization, artificial intelligence (AI), collaboration, and Work 4.0.

High-profile speakers include:

- Dr. Holger Heyn, Head of Future Production Technology, VW Group: “Production of the future at Volkswagen Group: digital, networked, and sustainable”
- Professor Dr. Sabina Jeschke, Member of the DB Management Board for Digitalization and Technology: “Railways 4.0—Mobility revolutions, robotics, and AI in the rail sector”
- Denis Niezgoda, Robotics Accelerator Lead at DHL: “Robotics—Future of warehouses und enabler of new human machine collaboration”



All events at a glance:

[automatica-munich.com/supportingprogram](https://automatica-munich.com/supportingprogram)

## Your automatica ticket

Book your Print@home Ticket online to avail a 30 per cent discount and direct exhibition access without waiting in line:

[automatica-munich.com/tickets](https://automatica-munich.com/tickets)



## AUTOMOBIL PRODUKTION Kongress

For the first time at automatica: AUTOMOBIL PRODUKTION Kongress from June 18–19, 2018. The event addresses the use of digitalization and AI in automotive production.

## International Symposium on Robotics (ISR)

The world's leading robotics conference held from June 20–21, 2018 provides deep insights into the latest robotics technologies through more than 150 presentations.

## Industry 4.0 Demonstrators

The **OPC UA Demonstrator** is a new communication and engineering approach by VDMA R+A enabling all of its components to communicate, regardless of the manufacturer. The **smart4i Next Generation Demonstrator**, initiated and supported by the VDMA Food Processing and Packaging Machinery Association, contains all relevant Industry 4.0 applications—from the cloud to sensors.

## Platforms and Ecosystems

The platform-based business models create a new billion-dollar market that sees a lot of competition among IT and mechanical engineering companies. automatica offers orientation in this domain as well.

### Tickets

Day ticket  
Three day ticket  
Discount day ticket

### Online registration

EUR 24  
EUR 41

### On site

EUR 34  
EUR 58  
EUR 20

Including exhibition entry fee for "The smarter E" with "Intersolar Europe"

## Organizer

Messe München GmbH  
Messegelände  
81823 München  
Germany

## Event

June 19–22, 2018  
Tuesday–Friday  
09:00–17:00

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## Conceptual Sponsor

VDMA Robotics + Automation



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