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Dr.-Ing. E.h. Friedhelm Loh, Chairman,  
Rittal GmbH & Co. KG:

*“HANNOVER MESSE is unique: a meeting-place for technology leaders, a shop window for innovations, and an event you have to attend in order to understand tomorrow’s world.”*



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# Visitor Guide



24 – 28 April 2017  
Hannover • Germany  
[hannovermesse.com](http://hannovermesse.com)



**Polska**  
Partner Country 2017



Deutsche Messe



# Hotspot for global industry.

## Integrated Industry – Creating Value

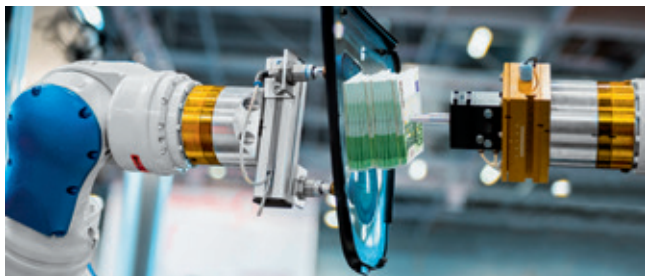
The lead theme of HANNOVER MESSE 2017 conveys a clear message: the trial phase is over and integrated industry has begun to pay dividends. What value-added benefits are available to your company? How can cobots, digital twins and predictive maintenance be deployed profitably? Answers to these questions can be found at HANNOVER MESSE 2017 (24 to 28 April), which unites all the core areas of industry – R&D, Automation and IT, Industrial Supply, Production Technology and Services as well as Energy and Mobility Technology.

## Industrie 4.0

HANNOVER MESSE 2016 marked a new chapter in the 4th industrial revolution and showcased more than 400 practical applications. The commercialization phase has now begun. Industrie 4.0 technology is making a big impact on our factories and energy systems. Experts forecast a productivity boost of 12 percent by the year 2025. By featuring a host of new case studies, HANNOVER MESSE 2017 will reveal the enormous potential of Industrie 4.0.

## Integrated Energy

HANNOVER MESSE is the global hotspot for the energy sector. “Energy” is the only trade fair worldwide that gets to grips with all the key issues: from power generation, transmission and storage to smart distribution, mobility and digital energy management in business enterprises. In short, a genuine powerhouse!



# Smart formats for special interests.

## ■ Global Business & Markets, Hall 3

Featuring a conference program and an INVESTMENT LOUNGE, this foreign trade platform focuses on export and investment opportunities.

[www.hannovermesse.de/en/gbm](http://www.hannovermesse.de/en/gbm)

## ■ Young Tech Enterprises, Hall 3

At this hotspot in Hall 3 you'll meet creative visionaries and encounter innovative, trend-setting industry startups, spin-offs and young enterprises. The ideal place to share your ideas and visions.

[www.hannovermesse.de/en/ytte](http://www.hannovermesse.de/en/ytte)

## ■ job and career, Hall 16

Here you can meet senior HR managers and explore the options for developing your career. Information about vacancies and career paths will be posted on a multimedia Job Wall. [www.hannovermesse.jobandcareer.de](http://www.hannovermesse.jobandcareer.de)

## ■ Tec2You, pavilions adjacent to Hall 11

In the course of this organized program young persons will experience at first hand the wide-ranging career opportunities available in science and technology. [www.tec-2-you.de](http://www.tec-2-you.de)

## ■ WoMenPower careers conference, Convention Center

Extend your knowledge and make valuable new contacts: at the 14th WoMenPower careers conference on 28 April 2017.

[www.hannovermesse.de/en/womenpower](http://www.hannovermesse.de/en/womenpower)



# Information and tickets.

## Opening hours

24–28 April 2017, 9 a.m.–6 p.m.,  
Exhibition Grounds, Hannover

|   |                        |                 |
|---|------------------------|-----------------|
| Day ticket  | Advance sales          | € 31            |
|   | On-site                | € 39            |
| Full-event ticket   | Advance sales          | € 70            |
|   | On-site                | € 84            |
| Day ticket, reduced admission*  | On-site                | € 17            |
| Day ticket for Tec2You on 28 April 2017                                 | On-site                | € 3             |
| WoMenPower Conference on 28 April 2017, including HANNOVER MESSE ticket | online only** students | from € 105 € 25 |

All prices include VAT – Subject to change.

\*For pupils, students, trainees and persons engaged in voluntary social/military service  
\*\*via the website [www.hannovermesse.de/en/womenpower](http://www.hannovermesse.de/en/womenpower) from February 2017

## Advance ticket sales

- Via the Internet: [www.hannovermesse.de/en/tickets](http://www.hannovermesse.de/en/tickets)
- Via our sales partners: [www.messe.de/salespartner\\_gb](http://www.messe.de/salespartner_gb)

## HANNOVER MESSE in the social media

[www.facebook.com/hannovermesse.fanpage](http://www.facebook.com/hannovermesse.fanpage)

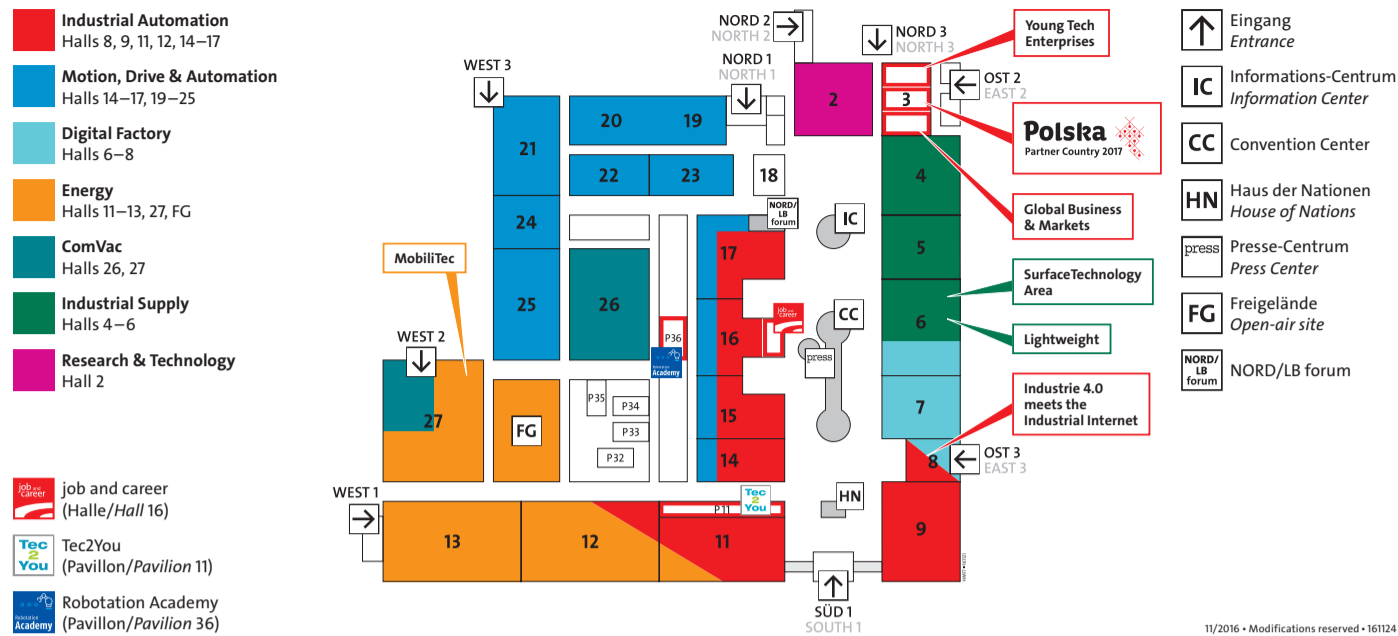
[www.twitter.com/hannover\\_messe](http://www.twitter.com/hannover_messe)

[www.instagram.com/hannover\\_messe](http://www.instagram.com/hannover_messe)





# HANNOVER MESSE 2017 at a glance.



## Industrial Automation



### Production automation (Halls 16, 17)

- Robotics and systems integration
- Mobile robots + Autonomous Systems
- Assembly and handling solutions
- Image processing
- Lasers
- Identification
- Mechanical and plant engineering
- Production logistics & handling equipment
- Linear motors
- Conductors and energy carriers

### Production and process automation (Halls 14, 15)

- Electric power transmission/Motion control
- Pneumatic systems
- Pumps and pump systems
- Vibration measuring systems

### Process and energy automation (Hall 11)

- Solutions for automation and energy engineering
- Process automation solutions
- Process control systems
- Measurement and control systems
- Process analysis technology
- Connection/interface technology
- Building automation
- Engineering, maintenance, services

### Automation Technology & IT (Halls 8, 9)

- Industrie 4.0/Industrial Internet
- Industrial IT
- Virtual reality
- Product and trademark protection
- Wireless, M2M & Internet of Things
- IT security
- Cyber physical systems
- Control systems
- IPCs/PLC
- Industrial communication
- Sensor technology, measurement and control technology
- Image-processing sensors
- Security technology
- Connection/interface technology

### Highlights, special displays, events

- Forum Industrie 4.0 meets the Industrial Internet (Hall 8)
- Industrial and Embedded Security (Hall 8)
- Industrial IT (Hall 8)
- Product and Brand Protection (Hall 8)
- Smart Connected (Hall 8)
- SmartFactory<sup>KL</sup> (Hall 8)
- AMA Center (Hall 11)
- Industrial Automation Forum (Hall 14)
- Pumpe DE PUMP PLAZA (Hall 15)
- Red Carpet Route – Automation & IT (Halls 6-17)
- Application Park Robotics, Automation & Vision (Hall 17)
- Robotics Award, 25.4.2017, 3.30 p.m. (Hall 14)
- Robotation Academy (Pavilion 36)

## Digital Factory

- Virtual product development (CAx)
- Additive manufacturing
- Product lifecycle management (PLM)
- Process integration
- Visualization
- Supply Chain Management (SCM)
- Technical sales and service
- Virtual commissioning, offline programming and installation
- Enterprise resource planning ERP (production planning)
- Manufacturing execution systems MES (production control)

### Highlights, special displays, events

- Additive Manufacturing (Hall 6)
- CAE Forum (Hall 6)
- MES Conference on 27.4.2017 (Convention Center)

## Energy



### New Energy World (Hall 27)

- Renewable energy
- Smart grids and virtual power plants
- Industrial power, heat and refrigeration
- Mobility and storage solutions
- Energy efficiency and energy services

### Grid Technology (Hall 13)

- Transmission and distribution grid technology
- Transformers
- Switchgear
- Cables, cable processing
- Power supplies, UPS
- Condensers, filters

### Energy Management (Hall 12)

- Energy management in an industrial environment
- Building automation
- Measuring and testing equipment
- Switches, switchgear
- Housings

### Highlights, special displays, events

- Digital Energy (Hall 12)
- Energy Forum Life Needs Power (Hall 13)
- SuperconductingCity (Hall 13)
- Decentralized energy supply (Hall 27)
- EnergyEfficiencyCenter forum (Hall 27)
- Group Exhibit Hydrogen + Fuel Cells + Batteries (Hall 27)
- Integrated Energy Plaza (Hall 27)
- WIND AREA (Hall 27)
- MobiliTec Area (incl. pavilion and forum, Hall 27)
- Energy Park (Open-air site)
- MobiliTec test track (Open-air site)

## MDA – Motion, Drive & Automation

- Fluid power (hydraulics, pneumatics, seals and filtration systems) (Halls 19, 20, 21, 23)
- Roller bearing and ball bearing systems (Halls 22, 24)
- Mechanical power transmission, clutches, gears and components (Halls 24, 25)
- Electric power transmission (Halls 14-17)
- Power transmission and applications for wind energy (Hall 25)

### Highlights, special displays, events

- MDA Forum (Hall 19)
- Predictive Maintenance 4.0 (Hall 19)

## Industrial Supply



- Forging (Hall 4)
- Sheet metal forming (Hall 4)
- Machined components (Hall 4)
- Systems/subassemblies (Hall 4)
- Casting products (Hall 5)
- Latches & Locking Systems (Hall 5)
- Operating elements (Hall 5)
- Fastening technology (Hall 5)
- Materials know-how (Hall 6)
- Parts and components made of (Hall 6):
  - Metals
  - Plastics
  - Composite materials
  - Natural/synthetic rubber
  - Engineering Ceramics
- Joining/adhesive technology (Hall 6)
- Manufacturing technology (Hall 6)
- Lightweight construction (Hall 6)

### Highlights, special displays, events

- Highlights@Industrial Supply (Halls 4-6)
- Forum Industrial Supply (Hall 5)
- Themed presentations
  - Forging (Hall 4)
  - Innovative Development Partners (Hall 4)
  - “gegossene Technik” (Hall 5)
  - Engineering Ceramics (Hall 6)
  - WeP – Value-Adding Partner ContiTech (Hall 6)
  - SurfaceTechnology Area (Hall 6)
  - Micro-Nano Area (Hall 6)

## ComVac

- Compressed air generation, treatment, storage and distribution
- Compressors, compressor accessories and components
- Compressed air services
- Vacuum pumps
- Vacuum fittings/seals/valves
- Plant and components
- Consulting
- Contracting

## Research & Technology

- Applications research:
  - industry-specific (energy, automation, mobility, etc.)
  - non-industry-specific (adaptronics, bionics, new materials, etc.)
- Innovative trends in basic research
- Services for R&D
- Marketing of technologies, research locations and institutions
- Technology and know-how transfer:
  - technology push – problems in search of solutions
  - market pull – solutions in search of problems

### Highlights, special displays, events

- tech transfer forum
- Presentation of the top 5 nominees for the HERMES AWARD
- SCIENCE|SQUARE (forum, presentations)
- Night of Innovations, 24.4.2017, 5.15 p.m.