Event Program
HANNOVER MESSE 2020 (20-24 April)

Industrial transformation requires new knowledge and new ideas. Find out everything you need to know at our numerous forums, conferences, special displays and guided tours, including:

- The development of tomorrow’s digital industry
- Ideas for the factory of the future
- Flexible and modular development and production
- Making the energy transition in industry and logistics

Meet forward-thinkers and users, start-ups and market leaders and take advantage of your trip to the fair for networking and further training.

Our event overview (5 issues) will keep you up to date on the program of events at HANNOVER MESSE 2020. The 2nd issue appears as from 28 October 2019.
HANNOVER MESSE

HANNOVER MESSE to host GMIS in 2020
Following Abu Dhabi and Yekaterinburg, the third Global Manufacturing and Industrialisation Summit will take place 20–21 April 2020 at HANNOVER MESSE in Germany. Focal points include sustainable industrial development and global adoption of Fourth Industrial Revolution technologies. Read more

Call for Papers HANNOVER MESSE starting as from 12 November 2019
HANNOVER MESSE, the world’s leading trade fair for the industry, provides a comprehensive overview of the digitization of production, logistics and energy systems. Selected forums and special formats provide the ideal stage to put your solutions in the limelight. HERE you can find more information about the Call for Papers.

Upcoming Events & Exhibitions Germany

Manufacturing Industry
8 – 10 October - Hannover
5G CMM EXPO
World’s 1st platform for connected mobile machines, vehicles, devices and 5G live demonstrations

Keynotes, discussions, showcases: 5G CMM Expo starts with over 100 participating companies
Only a few months after the auction of the 5G licenses, the first comprehensive event for the professional use of super-fast mobile communications in industry and commerce will start in Hanover. At the 5G CMM Expo – Connected Mobile Machines – from October 8 to 10, more than 100 companies and institutions will participate as exhibitors with showcases, discussions and breakout sessions on individual industry sectors. Program

Manufacturing Industry
parts2clean
International trade fair for industrial parts and surface cleaning

240 Exhibitors - 7,000sqm - 41 Lectures
The parts2clean offers its visitors the unique opportunity to gain a comprehensive overview of current developments, new requirements and trends in clean technology through the practice-oriented lectures of from renowned experts from industry, science and research. To the fairs website
## Upcoming Events & Exhibitions worldwide

### Manufacturing Industry
9 – 11 October - Mexico
**Industrial Transformation MEXICO**

Industrial Transformation MEXICO consists of a tradeshow, conference and educational program tied together by the overarching themes of smart manufacturing and digital transformation in Mexico. The exhibit program features four main display categories – Metalworking, Automation, Robotation and Motion, Digital Factory / ICT and Smart Logistics – as well as areas for live demonstrations and one-on-one consultations. The event serves industry sectors such as aerospace, automotive, electronics, health care, food and beverage, metalworking, packaging systems, and steel and chemical processing.

[Details Exhibition & Conference Program](#)

### ENERGY
8 – 10 October - CANADA
**CanWEA**

Canada's Leading Wind Energy Conference & Exhibition

Industrial Transformation MEXICO consists of a tradeshow, conference and educational program tied together by the overarching themes of smart manufacturing and digital transformation in Mexico. The exhibit program features four main display categories – Metalworking, Automation, Robotation and Motion, Digital Factory / ICT and Smart Logistics – as well as areas for live demonstrations and one-on-one consultations. The event serves industry sectors such as aerospace, automotive, electronics, health care, food and beverage, metalworking, packaging systems, and steel and chemical processing.

[To the fairs website](#)

### ENERGY
10 – 12 October - Thailand
**SETA 2019**

Smart Energy Transformation Asia

SETA is an annual exhibition and conference ran over the course of 3 days and held in Bangkok. The 2019 edition will take place in BITEC, and is dedicated to advancing renewable energy solutions for the ASEAN region. Major topics of the event are renewable energy, storage systems, digitalization and electric vehicle infrastructure. Any company involved in the mentioned sectors with an interest in Thailand and the ASEAN region should not miss out this event.

[Details Exhibition & Conference Program](#)

### ICT & Digital Business
16 – 19 October - China
**Internet+ powered by CEBIT**

The leading Business Technology Event in China

Digitization is progressing rapidly in China, particularly in the areas of industrial Internet, eCommerce and internet finance. Against this background, Internet+ powered by CEBIT will concentrate on the vitally important themes of Internet security, broadband expansion in China, innovative IT applications, and Industry 4.0.

[Details Exhibition & Conference Program](#)
Customized planning tools for your visit

To ensure that you derive maximum benefit from your visit to Hannover we provide a range of online planning tools and onsite services:

- Travel and accommodation [HERE]
- Tickets and ticket registration (as from December) [HERE]
- Exhibitor and product searches (as from January 2020) [HERE]
- Daily program (starting from end of February) Link t.b.a
- Site and hall maps (as from beginning of March 2020)
- HANNOVER MESSE App (beginning of March) [HERE]
- Newsletter [HERE]

By planning your visit in advance you can save time and ensure that you see all the highlights.

www.hannovermesse.com
### PARTNER COUNTRY INDONESIA

*Partner country Indonesia events are available from the 2nd/3rd edition*

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### SPECIAL EVENTS

- **HANNOVER MESSE Opening Ceremony (in the 2nd issue)**
  - 19 April
- **10th EU Policy Reception (from the 2nd issue onwards)**
  - 20 April
- **Global Manufacturing and Industrialisation Summit (GMIS)**
  - 20-21 April
  - 9
- **Industrial Pioneers Summit: It’s all about KI**
  - 22 April
  - 10
- **Transformation Stage (in the 2nd issue)**
  - 20-24 April

### AUTOMATION & PRODUCTION (AUTOMATION, MOTION & DRIVES)

Factory, process and energy automation | Control and regulating technology | Measuring and testing technology | Electric drive technology | Motion control | Fluid technology | Electric automation technologies | Robotics | Linear technology | Assembly and handling technology | Sensors and industrial image processing | Cable technology | Power transmission technology | Transformers | Logistics automation and integrators | Autonomous logistics | Warehousing technology, pick & pack, shipping logistics

- **ROBOTICS AWARD 2020**
  - 22 April
  - 33
- **Industry 4.0 – the Challenge for SMEs**
  - 22 April
  - 11
- **12th International MES Conference**
  - 23 April
  - 16
- **MES & IIoT: Together on the Road to the Digital Enterprise**
  - 
- **Automation Forum**
  - 20-24 April
  - 12
- **Industrie 4.0 Forum**
  - 20-24 April
  - 13
- **Motion & Drives Forum**
  - 20-24 April
  - 14
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HANNOVER MESSE

LOGISTICS
Materials handling technology | Complete systems | Driverless transport systems | Robot technology in logistics | Conveying and warehouse technology | Handling technology | WMS (Warehouse Management Systems) | TMS (Transport Management Systems) | ERP software | Identification technology | Order picking systems | Hardware | Loading equipment | Packaging technology | Cranes, lifting systems | Equipment | Logistics services

<table>
<thead>
<tr>
<th>Event</th>
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<tr>
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<td>20 April</td>
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<td>Logistik Forum</td>
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<tr>
<td>The Autonomous Supply Chain</td>
<td>20-24 April</td>
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DIGITALIZATION, DATA & PLATFORMS (DIGITAL ECOSYSTEMS)
MES | ERP | Logistics IT | CRM | VR/AR | Cax/PLM | Predictive Maintenance | ICT | Digital platforms | Consulting, Industrial Security

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<tr>
<td>12th International MES Conference</td>
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<td>Industrial Security Forum</td>
<td>20-24 April</td>
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</table>

ENERGY 4.0, ENERGY & RESOURCE EFFICIENCY (ENERGY SOLUTIONS)
Energy and building automation | Energy (data) management | Connecting technology | Measuring and testing equipment | Power-to-X | Integrated energy systems, (Industrial) micro grids and off-grid solutions | Energy and mobility solutions for industrial plant, commercial zones and large infrastructures | Electrical mobility and charging infrastructure | Energy automation | Grid digitization

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<td>Energy in Production and Buildings / Speakers’ Corner</td>
<td>20-24 April</td>
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<td>Integrated Energy Forum</td>
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<tr>
<td>Public Forum Hydrogen + Fuel Cells EUROPE</td>
<td>20-24 April</td>
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<tr>
<td>Technical Forum Hydrogen + Fuel Cells EUROPE</td>
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## HANNOVER Messe

### Construction & Smart Materials (Engineered Parts & Solutions)
- Engineering services
- Metal working/processing (castings, forgings, machined parts, sheet metal forming)
- Parts and components made of plastic, rubber and composite materials
- Engineering ceramics
- Contract manufacturing
- Additive manufacturing
- Lightweight design

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<tr>
<td>6th Additive Manufacturing Symposium</td>
<td>21 April</td>
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<tr>
<td>Additive manufacturing: Efficiency gains for development engineering, production and other applications</td>
<td>21 April</td>
</tr>
<tr>
<td>Suppliers Forum</td>
<td>20-24 April</td>
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<tr>
<td>Integrated Lightweight Plaza / Speakers’ Corner</td>
<td>20-24 April</td>
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### Research & Development for Industry (Future Hub)
- Night of Innovations
- Transformation Stage (in the 2nd issue)
- Tech transfer Forum

### Industrial Startups (Future Hub)
- Forum Industrial Startups & Exhibition

### Future of Work (Future Hub)
- Young Engineers Night
- WomenPower Networking Night
- 17th WomenPower Congress & Exhibition
- Career Stage

### Foreign Trade & Invest (Global Business & Markets)
- 14th German-Japanese Economic Forum
- Industry 4.0 – the Challenge for SMEs
- 18th Niedersachsen Foreign Trade Day (from the 2nd issue onwards)

Further foreign trade & invest events will be published in the next issues.
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<th>NETWORKING &amp; MATCHMAKING</th>
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<td>20 April</td>
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<tr>
<td>Night of Innovations</td>
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<td>Logistics</td>
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<td>Logistics Exhibitor’s Party</td>
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<td>Future of Work</td>
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<td>Young Engineers Night</td>
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<td>WomenPower Networking Night</td>
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| AWARDS & COMPETITIONS                          | 20 April | 32 |
| HERMES AWARD (from the 2nd issue onwards)      |          |    |
| IFOY-Award                                     |          |    |
| ROBOTICS AWARD 2020                            |          |    |
| Engineer Powerwoman (from the 2nd issue onwards)|          |    |

| GUIDED TOURS                                   | 20-24 April | 34 |
| Theme tour „Additive Manufacturing“            | 21 April | 23 |
| (siehe 6. Additive Manufacturing Symposium)    |          |    |
| Theme tour „Digitalisierung für den Mittelstand“ (siehe D-JAP Wirtschaftsforum) | 22 April | 11 |
| Theme tour „MES Solutions“                      (siehe 12. MES-Tagung) | 23 April | 16 |
| HANNOVER MESSE Guided Tours                    |          |    |
GMIS 2020 in Germany, co-chaired by the UAE Ministry of Energy and Industry and the United Nations Industrial Development Organization (UNIDO), along with our strategic partners Deutsche Messe, will work to adopt uniform global standards for the application of Fourth Industrial Revolution technology in manufacturing. Hosting the 2020 edition of the event in Germany will also contribute to promoting sustainable industrial development through innovation and the adoption of Fourth Industrial Revolution (4IR) technologies on a global scale.

GMIS offers a content-rich value proposition by creating a truly unique platform that is pivotal to productive global dialogue, transformational thought-leadership, and sustainable sourcing of forward-looking solutions to some of the world’s greatest challenges. Topics covered will include:

- Standardisation of robotics and automation
- Future of additive manufacturing and advanced materials
- Boom of the chemical industry
- Building a sustainable machine tool and precision tool market
- Growth of sensors and instrument market through industrial automation/internet of things
- Building in-country partnerships with local entities to enable advanced manufacturing

<table>
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<tr>
<th>Organizer</th>
<th>Global Manufacturing Organisation Ltd. VAE – Dubai <a href="http://www.gmisummit.com/">www.gmisummit.com</a></th>
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<tbody>
<tr>
<td>Co-chair</td>
<td>UAE Ministry of Energy and Industry</td>
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<td></td>
<td>the United Nations Industrial Development Organization (UNIDO)</td>
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<td>Languages</td>
<td>Arabic, Chinese, English, French, Russian and Spanish</td>
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<td>Attendance</td>
<td>Please register <a href="http://www.gmisummit.com/">HERE</a> if you are interested in participating the GMIS Summit</td>
</tr>
<tr>
<td>Contact</td>
<td>Jessica Schröder</td>
</tr>
<tr>
<td></td>
<td>Global Manufacturing Organisation Ltd.</td>
</tr>
<tr>
<td></td>
<td>Tel. +971 55 - 2070 221</td>
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</table>
With its lead theme of “Industrial Transformation”, HANNOVER MESSE is reaffirming its role as a pioneer for connected, automated and globally oriented industry. KI, AR and edge computing will be the key drivers in intelligent automation. What are the opportunities and risks of digital transformation and what are the challenges to overcome?

The Industrial Pioneers Summit provides the answers.

Thought leaders and innovators from industry, government, business, research, and society come together to exchange their insights, visions and theories. With a focus on future trends and scenarios.

<table>
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<tr>
<th>Organizer</th>
<th>Deutsche Messe AG</th>
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<tbody>
<tr>
<td>Supporting organization</td>
<td>BVDW e.V. (The German Association for the Digital Economy) <a href="http://www.bvdw.org/">www.bvdw.org/</a></td>
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<td>VDMA e.V. (The German Engineering Federation) <a href="http://www.vdma.org">www.vdma.org</a></td>
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<td>Language</td>
<td>Simultaneous translation 🇩🇪 🇬🇧</td>
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<tr>
<td>Contacts</td>
<td>Tanja Gerhardt Deutsche Messe AG Tel. +49 511 89-31012 send E-Mail</td>
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Participation packages
As a partner of the Industrial Pioneers Summit, your participation will enhance your company's profile and position you within an attractive target group of international decision-makers. Participation packages starting at 2,000 €. Further information is available [HERE](#) as pdf download.
What is Artificial Intelligence and how can I use it sensibly in my company? What added value does it contribute to my operations? These questions are a major preoccupation for Japanese and German small and medium-sized enterprises (SMEs). The potential increase in efficiency and the potential cost savings due to automation and process digitization must be contrasted with the initially high investment costs. Data security issues are also a factor.

At the 14th German-Japanese Business Forum, Japanese and German experts will show how SMEs can take advantage of AI-based solutions profitably, for example in logistics, quality testing, production, customer service and product innovation.

To kick off the event, Deutsche Messe is offering interested attendees a guided tour on the topic of “Digitization of SMEs”, bringing them to the stands of selected exhibitors.
Experts from all over the world discuss in the Automation Forum innovative developments in factory and process automation, i.e. robotics, image processing, human-machine-collaboration, digitalization applications, energy-efficient drive systems, autonomous supply chain, logistics automation and efficient pump solutions.

### Organizer
Deutsche Messe AG

### Supporting organizations
- **AMA Association for Sensors and Measurement**
  - [www.ama-sensorik.de](http://www.ama-sensorik.de)
- **NAMUR (User Association of Automation Technology in Process Industries)**
  - [www.namur.net](http://www.namur.net)
- **VDMA e.V. (The German Engineering Federation)**
  - [www.vdma.org](http://www.vdma.org)
- **ZVEI e.V. (The German Electrical and Electronic Manufacturers’ Association)**
  - [www.zvei.org](http://www.zvei.org)

### Language
- 🇩🇪 or 🇬🇧

### Attendance
- Attendance free of charge to HANNOVER MESSE ticket holders

### Contacts
- **Mike Bär**
  - Deutsche Messe AG
  - Tel. +49 511 89-31132
  - E-Mail

- **Susann Wangen**
  - Deutsche Messe AG
  - Tel. +49 511 89-32122
  - E-Mail

### Participation packages
- Take advantage of the opportunity to participate as a sponsor. Participation packages are available starting at 1,600 € (i.e. incl. speaking slot). Further information is available [HERE](http://www.hannover-messe.de).

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**Supporting organizations**: [AMA](http://www.ama-sensorik.de) | [NAMUR](http://www.namur.net) | [VDMA](http://www.vdma.org) | [ZVEI](http://www.zvei.org)
Industrie 4.0 Forum
Hall 8
20 – 24 April 2020

Industrie 4.0 requires answers and solutions for different topics: Man and labour, business - and strategy examples, how to handle the data-overflow, cyber-security, standards and interoperability, medium sized businesses and users, best practice cases, etc. Related to the lead theme of the HANNOVER MESSE 2019 „Integrated Industry – Industrial Intelligence“, the Forum Industrie 4.0 adresses these topics, which are of interest to the users, the industry and politics, and puts them into the focus of its discussions and presentations. In addition, practical examples, such as the directly to the forum attached SmartFactoryKL, demonstrate Industrie 4.0 in real-time and live.

<table>
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<tr>
<th>Organizer</th>
<th>Deutsche Messe AG</th>
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<tr>
<td>Partner</td>
<td>Plattform Industrie 4.0 <a href="http://www.plattform-i40.de">www.plattform-i40.de</a></td>
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<td>Contacts</td>
<td>Markus H. Schorak <a href="http://www.dmm.de">Deutsche Messe AG</a> Tel. +49 511 89-31312 E-Mail</td>
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</tbody>
</table>
The popular Motion & Drives Forum in Hall 5 will again feature a series of lectures on the latest innovations and technology trends in the power transmission and fluid power sectors.

The trade visitors will receive answers to questions on how the manufacturers of the two important supplier industries have taken up and implemented the challenges of industrial transformation, digitisation, networking and communication.

The Motion & Drives Forum in the heart of HANNOVER MESSE’s automation showcase will again serve as the central knowledge sharing platform of the power transmission and fluid power sectors – the place where all the captivating, future-defining topics and trends are explored and discussed. Key topics:

- Predictive Maintenance / Smart Manufacturing
- Intelligent Power Transmission and Fluid Power Systems / Digitalization, Integration, Communication
- Brownfield Engineering / Retrofit
- Energy Efficiency / Sustainability in the Power Transmission and Fluid Power Sectors
- Machine Learning and AI in the Power Transmission and Fluid Power Sectors

In 2020 there will again be the traditional “India Day” at the Forum.

The Motion & Drives Forum is targeted at professionals from the mechanical and plant engineering, automation, motion and drives, energy solutions, digital ecosystems, manufacturing and process industries.

| Organizer | Deutsche Messe  
D - Hannover | VDMA e.V. (The German Engineering Federation)  
Power Transmission Association / Fluidpower Association  
www.vdma.org |
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</table>
| Contact | Peter-Michael Synek  
VDMA e.V.  
Tel. +49 69 6603-1513  
E-Mail | Thomas Bothor  
Deutsche Messe AG  
Tel. +49 511 89-32124  
E-Mail |
Logistics Forum
Hall 3
20 – 24 April 2020

Located in the immediate vicinity of the automation halls at HANNOVER MESSE, Hall 3 is the place where Logistics 4.0 and Industry 4.0 come together. This is where specialists from heavy industry and the intralogistics sector will appear on all five days of the show at the "Logistics Forum", with the focus on the opportunities for integrating production and logistics.

<table>
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<tr>
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</table>
| Partner         | Bundesvereinigung Logistik e.V.  
                    D – Bremen  
                    www.bvl.de                     | VDMA e.V. (The German Engineering Federation)  
                                                               www.vdma.org |
|                 | Fraunhofer Institute for Material Flow and Logistics  
                    D – Dortmund  
                    www.iml.fraunhofer.de       |
| Language        | 🇩🇪 or 🇬🇧 |
| Attendance      | Attendance free of charge to HANNOVER MESSE ticket holders |
| Contact         | Brigitte Mahnken-Brandhorst  
                    Deutsche Messe AG  
                    Tel. +49 511 89-31024  
                    E-Mail |

The Autonomous Supply Chain
Hall 3
20 – 24 April 2020

In the special show "The Autonomous Supply Chain", various manufacturers will show for the first time on a single platform the interaction of driverless transport systems and drone solutions. The protagonists from the VDMA will be spectacularly staged. Discussions and forum contributions as well as company presentations will complete the exhibit.

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                    www.vdma.org       |
| Language        | 🇩🇪 or 🇬🇧 |
| Attendance      | Attendance free of charge to HANNOVER MESSE ticket holders |
| Contact         | Manfred Kutzinski  
                    Deutsche Messe AG  
                    Tel. +49 511 89-34102  
                    E-Mail |
**12th International MES Conference**

MES and IIoT - Together on the Road to the Digital Enterprise

**Convention Center (CC), Room 3 A**

**Thursday, 23 April 2020, 10:15 a.m. – 3:15 p.m. / Theme tour MES Solutions: 3:15 – 4:45 p.m.**

Manufacturing Execution Systems bring the necessary transparency and flexibility to production, enabling companies to compete globally.

At the 12th International MES Conference at HANNOVER MESSE 2020, innovators and their digital projects will highlighted under the motto of “MES and IIoT – Together on the Road to the Digital Enterprise”. Producers will also report on how they are achieving the maximum benefits from the interplay of MES and IIoT.

In a panel discussion, representatives from industry, academia and the IT community will discuss how algorithms and artificial intelligence are poised to revolutionize state-of-the-art MES. Will AI and related advances soon take over the production control process? And if so, will people need to be in the factory at all? Attendees at the 12th International MES Conference will find out the answers to these and other questions.

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<th>IT&amp;Production (TeDo-Verlag GmbH) <a href="http://www.it-production.com">www.it-production.com</a></th>
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<td>ZVEI e.V. (The German Electrical and Electronic Manufacturers’ Association) <a href="http://www.zvei.org">www.zvei.org</a></td>
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<td></td>
<td>SC Lötters Strategy</td>
<td>Communication</td>
<td>Public Relations <a href="https://www.sc-loetters.de/">https://www.sc-loetters.de/</a></td>
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**Language**

Simultaneous translation

**Attendance**

Attendance at the MES Conference is free of charge to HANNOVER ticket holders. Participation fee for the Guided Tour “MES Solutions”: 15 € (+ V.A.T.) A registration for the MES conference and the theme tour is necessary due to the great interest (from the beginning of February 2020).

**Contact**

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Tel. +49 511 89-31143
E-Mail

Andrea Busch
Deutsche Messe AG
Tel. +49 511 89-31288
E-Mail

**Call for Papers**

**Deadline: 13 December 2019!**

You have the opportunity to submit a presentation by a user company from the process industry or discrete manufacturing at the MES conference. The form is available HERE as an interactive PDF file.

**Participation packages**

**Deadline: 30 January 2020! (5% early bird discount for booking until 15 Nov. 2019)**

As a partner of the Industrial Pioneers Summit, your participation will enhance your company's profile and position you within an attractive target group of international decision-makers. Participation packages starting at 2,520 € (i.e. guided tour). Further information is available HERE as pdf download.

Supporting organizations

[images of supporting organizations]
As industry becomes increasingly networked the issue of security becomes more acute. Industrie 4.0 would not be feasible without data protection and the know-how that protects production and communication processes within and between individual companies. The secure, reliable operation of digitally integrated production plant and services is an important challenge.

“Industrial Security” is augmented by the Industrial Security Forum with the topics Security by Design, IT security and legislation, as well as certification in digitization, virtualization and cloud computing, 5G technology, block chain and cyber attacks (trends, prevention, detection and reaction). The Forum will focus in particular on concepts, solutions and examples of best-practice from users.

### Industrial Security Forum

**Hall 14**  
**20 – 24 April 2020**

<table>
<thead>
<tr>
<th>Organizer</th>
<th>Deutsche Messe AG</th>
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</table>
| Partner         | VDMA e.V. (The German Engineering Federation)  
|                 | [www.vdma.org](http://www.vdma.org) |
| Language        | ![German](https://example.com) or ![English](https://example.com) |
| Attendance      | Attendance free of charge to HANNOVER MESSE ticket holders |
| Contact         | Maximilian von der Schulenburg  
|                 | Deutsche Messe AG  
|                 | Tel. +49 511 89-33127  
|                 | E-Mail |

**Partner**  
[VDMA](http://www.vdma.org)
DIGITAL ENERGY User Forum
Energy 4.0 Solutions for Industry, Business and Utilities
Hall 12
20 – 24 April 2020

Making the transformation of industry a tangible experience – this is the promise of HANNOVER MESSE 2020. In this context, digitalization assumes a special role. This is acknowledged by the DIGITAL ENERGY User Forum.

With the aim to shape an energy-intelligent future, experts will outline ways towards comprehensive energy (data) management and energy monitoring for industrial, commercial and public properties as well as digitalization strategies for utilities and grid operators.

| Organizer | Deutsche Messe  
|           | D - Hannover |
| Partner  | 50,2 – Die Plattform für intelligente Stromnetze  
|          | D – Köln  
|          | 50komma2.de |
|          | energy 4.0 - Energietechnik. Vernetzt.  
|          | D – München  
|          | www.publish-industry.net/produkte/energy-2-0/ |
|          | DENEFF e.V. - Deutsche Unternehmensinitiative Energieeffizienz  
|          | D - 10117 Berlin  
|          | www.deneff.org |
|          | VEA Bundesverband der Energie-Abnehmer e.V.  
|          | D – Hannover  
|          | www.vea.de |
| Language |  
|          | Deutsch or English |
| Attendance | Attendance free of charge to HANNOVER MESSE ticket holders |
| Contacts | Ulrike Hammer  
|          | Deutsche Messe AG  
|          | Tel. +49 511 89-31314  
|          | E-Mail senden |
|          | Susanne Clemens  
|          | Deutsche Messe AG  
|          | Tel. +49 511 89-31315  
|          | E-Mail senden |
Decentralized energy supply (CHP, KW(K)K, ORC) and building energetics (heating, air conditioning, ventilation, sanitation, electrical, interdisciplinary) are growing together, as are the associated technologies for the efficient generation of electricity, heat and cold and their diverse uses.

The stand will focus on technically sophisticated, often individual solutions for resource-saving energy supply and efficient energy use. Systems and components as well as services that modern prosumers need for their companies and properties will be on display. The Speakers Corner and an interactive exhibit in the center of the stand will attract the interest of the visitors.

---

**Energy in Production and Buildings / Speakers’ Corner**  
Group pavilion for integrated energy supply and usage  
**Hall 27**  
**20 – 24 April 2020**

---

| Organizer      | Deutsche Messe  
|                | D - Hannover  
| Partner        | B.KWK Bundesverband Kraft-Wärme-Kopplung  
|                | https://www.bkwk.de  
|                | Klimaschutzagentur Region Hannover GmbH  
|                | https://klimaschutzagentur.de/  
|                | ProEconomy Undine Stricker-Berghoff  
|                | www.proeconomy.de  
|                | VDI – The Association of German Engineers  
|                | www.vdi.de  
| Language       | Deutsch or English  
| Attendance     | Attendance free of charge to HANNOVER MESSE ticket holders  
| Contact        | Anna-Lena Müller  
|                | Deutsche Messe AG  
|                | Tel. +49 511 89-31649  
|                | E-Mail  

---

**Partner**

- Bundesverband Kraft-Wärme-Kopplung e.V.
- Klimaschutz Agentur Region Hannover
- ProEconomy
- VDI
Integrated Energy Forum
Das zentrale Energieforum der HANNOVER MESSE für Industrie und Energiewirtschaft
Hall 27
20 – 24 April 2020

The climate-neutral factory is on everyone's lips. For both regulatory and business reasons, industry and the international energy industry are looking for solutions for saving energy and CO₂ emissions as well as the latest infrastructure solutions and mobility concepts. The appropriate energy solutions are presented by the exhibition area Energy Solutions. The focus is on the efficient, climate-neutral energy supply of industrial buildings and facilities as well as connected mobility infrastructures.

Top topics in focus:
- Networks of the future: digitization and automation in the network
- Energy concepts for industry, industrial energy supply
- coupling sector
- climate Protection
- Climate neutral production
- Mobility concepts and infrastructure
- Energy storage: Batteries vs. hydrogen
- efficiency technologies
- Power-to-X

| Organizer | Deutsche Messe
D - Hannover |
|-----------|----------------|
| Partner   | VDE Association for Electrical, Electronic & Information Technologies
www.vde.com |
|           | VDMA e.V. (The German Engineering Federation)
www.vdma.org |
|           | ZVEI e.V. (The German Electrical and Electronic Manufacturers' Association)
www.zvei.org |
| Language  | 🇩🇪 or 🇬🇧 |
| Attendance| Attendance free of charge to HANNOVER MESSE ticket holders |
| Contacts  | Anna-Lena Müller
Deutsche Messe AG
Tel. +49 511 89-31649
E-Mail |
|           | Simone Förster
Deutsche Messe AG
Tel. +49 511 89-31157
E-Mail |
200 exhibitors from over 20 countries await you at Europe’s largest hydrogen and fuel cell trade fair. In the “Public Forum”, the centre of Hydrogen + Fuel Cells EUROPE, exhibitors and guests discuss current topics such as What contribution can H2+FC technologies make to reduce global CO₂ emissions?

Find out more at www.h2fc-fair.com

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<th>Organizer</th>
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<td>Contact</td>
<td>Tobias Renz Tobias Renz FAIR-PR Tel. +49 30 60984-556 E-Mail senden</td>
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Interview Forum Hydrogen + Fuel Cells EUROPE

Hall 27
20 – 24 April 2020

200 exhibitors from over 20 countries await you at Europe’s largest hydrogen and fuel cell trade fair. In the “Technical Forum”, exhibitors and developers will present their latest developments and topics daily in short presentations, including how H2+FC technologies can contribute to reduce global CO₂ emissions.

Find out more at www.h2fc-fair.com

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CONSTRUCTION & SMART MATERIALS
ENGINEERED PARTS & SOLUTIONS

2nd Lightweighting Summit
Conference Area Hall 19, Room New York
Tuesday, 21 April 2020, 2:00 – 5:00 p.m.

The 2nd Lightweighting Summit will take place on 21 April as part of the HANNOVER MESSE. This international summit meeting of politics, business and research focuses on the significance, the competitive situation and an international strategy to promote the key technology of lightweighting.

| Organizer | Federal Ministry of Economic Affairs and Energy
https://www.bmwi.de/Navigation/EN/Home/home.html
D – Berlin |
| Co-organizers | Deutsche Messe AG
D – Hannover | Initiative Leichtbau c/o innos – Sperlich GmbH
D – Berlin
www.initiativeleichtbau.de |
| Language | 🇩🇪 |
| Attendance | Please send requests for participation by e-mail to Mrs. Dr. Teusler |
| Contact | Dr. Nadine Teusler
Initiative Leichtbau
+49 302463714-0
E-Mail |
6th Additive Manufacturing Symposium
Additive manufacturing: Efficiency gains for development engineering, production and other applications
Technology Academy, Pavilion 36, Hanover Exhibition Grounds
Tuesday, 21 April 2020, 9:30 a.m. – 3:15 p.m. / Theme tour “Additive Manufacturing”: 3:30 – 5:00 p.m.

3D printing is revolutionizing the world of industrial manufacturing. Among its many uses are on-the-fly prototyping for product engineering and design, the creation of high-performance manufacturing tools, or resource-friendly ways of achieving continuous operations. By getting the full picture on additive product engineering and manufacturing, you can unlock utterly new potential for your business.

Real-world applications of additive manufacturing will be presented at the Additive Manufacturing Symposium on 21 April 2020, featuring leading makers of AM equipment as well as successful users of additively manufactured components.

The agenda will be rounded off by a special Additive Manufacturing Guided Tour (in German and English) taking participants to selected exhibitors who will present their AM solutions and innovations.

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<tr>
<th>Organizer</th>
<th>Deutsche Messe Technology Academy</th>
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<td><a href="http://www.technology-academy.group/de/additive-manufacturing-academy/">www.technology-academy.group/de/additive-manufacturing-academy/</a></td>
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<td>Co-organizer</td>
<td>Arbeitsgemeinschaft Additive Manufacturing im VDMA</td>
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<td>Partner</td>
<td>nidersachsenADDITIV – Zentrum für Additive Fertigung</td>
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<td><a href="http://www.niedersachsen-additiv.de">www.niedersachsen-additiv.de</a></td>
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<td>Additive Manufacturing Academy</td>
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<td>Attendance</td>
<td>Attendance at the Additive Manufacturing Symposium is free of charge to HANNOVER MESSE ticket holders. Participation fee for the Guided Tour „Additive Manufacturing”: 15 € (+ V.A.T.) Registration for the symposium and guided tour required as from mid-February 2020</td>
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<td>Contacts</td>
<td>Weert-Ellen de Riese</td>
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<td>Deutsche Messe AG</td>
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<td>Andrea Busch</td>
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<td>Deutsche Messe AG</td>
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<td>Tel. +49 511 89-31288</td>
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Call for Papers
Deadline: 13 December 2019!
Take the opportunity to submit your presentation. For further information, please refer to the Call for Papers form, which is available HERE as an interactive PDF file.

Participation packages
Deadline: 25. Februar 2020!
As a partner of the Industrial Pioneers Summit, your participation will enhance your company's profile and position you within an attractive target group of international decision-makers. Participation packages starting at 1,800 € (i.e. guided tour or infocounter during the symposium). Further information is available HERE as pdf file.
CONSTRUCTION & SMART MATERIALS
ENGINEERED PARTS & SOLUTIONS

Suppliers Forum
Hall 19/20
20 – 24 April 2020

This central discussion platform for Engineered Parts & Solutions examines key issues for the subcontracting industry – from metals and lightweight construction to mobility technologies, Industry 4.0, additive manufacturing and supply chain management. The daily program of talks is organized in association with the trade journal Industrieanzeiger and the Institute for Materials Science at the University of Hannover. Each 30-minute slot closes with a question-and-answer session. Highlights include lunchtime platform discussions with distinguished guest speakers.

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<tr>
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<th>Monday, 20 April</th>
<th>Tuesday, 21 April</th>
<th>Wednesday, 22 April</th>
<th>Thursday, 23 April</th>
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<td>Morning</td>
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<td>Afternoon</td>
<td>International</td>
<td>Opportunities</td>
<td>BME Buyers’ Day</td>
<td>Additive</td>
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<td>Session &amp; Partner</td>
<td>through e-mobility</td>
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<td>Manufacturing</td>
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<td>Country Indonesia</td>
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Organizer
Deutsche Messe

Cooperation partner
Konradin Verlag R. Kohlhammer GmbH
Redaktion Industrieanzeiger
www.industrieanzeiger.de

Institut für Werkstoffkunde
www.iw.uni-hannover.de

Partner
BME e.V. (Bundesverband Materialwirtschaft, Einkauf und Logistik)
www.bme.de

Language

Attendance
Attendance free of charge to HANNOVER MESSE ticket holders

Contacts
Cinzia Sanfilippo-Schletz
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Tel. +49 511 89-31133
E-Mail

Daniela Engel
Redaktion Industrieanzeiger
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Participation packages
Anne Christin Fusch
Deutsche Messe AG
Tel. +49 511 89-34324
E-Mail

Participation packages
Take advantage of the opportunity to participate as a sponsor. Participation packages are available starting at 1,600 € (i.e. incl. speaking slot). Further information is available HERE
CONSTRUCTION & SMART MATERIALS
ENGINEERED PARTS & SOLUTIONS

Integrated Lightweight Plaza / Speakers’ Corner
Hall 23, Stand B32
20 – 24 April 2020

Featuring an exhibition area, a Speakers Corner and a networking space, the Integrated Lightweight Plaza offers direct access to practice-oriented innovations and future prospects for lightweight construction. The Speakers Corner will explore the topic of lightweight construction in all its facets. Centrally located at the Integrated Lightweight Plaza, this event will present the entire spectrum of modern lightweight construction, from lightweight materials to lightweight design and innovative joining techniques.

In a series of short presentations, our speakers from industry and research will present their developments, products and research results in a compact, precise format. Afterwards, the Lightweight Café at the Integrated Lightweight Plaza will be open for in-depth discussions with the audience.

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<th>Organizer</th>
<th>Deutsche Messe</th>
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<td>Cooperation partner</td>
<td>Institut für Werkstoffkunde <a href="http://www.iw.uni-hannover.de">www.iw.uni-hannover.de</a></td>
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<td>Attendance</td>
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</table>
| Contacts | Maria Christina Mihm
Deutsche Messe AG
Tel. +49 511 89-31114
E-Mail |
| Jan Klett
Institut für Werkstoffkunde
Tel. +49 511 762-4335
E-Mail |

Participation options | Present your solutions at the Integrated Lightweight Plaza. You’ll find more detailed information about your participation options starting at 2,950 € [HERE](#).
tech transfer Forum reveals successful innovation management in a concrete and interesting manner. With its daily lecture and discussion forum and the inviting marketplace tech transfer is the premier showcase and talking shop for finding new partners and for successful technology transfer.

**The main topics are:**

- Artificial Intelligence
- Bionics
- Energy and resource efficiency
- Industry 4.0
- Lightweight Construction
- Machine Learning
- Management of ideas and innovation
- Mobility technology
- Nano technology
- New Materials
- Partner Country Indonesia
- Plastics technology
- Production technology

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<td>Attendance</td>
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</table>
| Contacts      | Prof. Gerd Wassenberg
               Initiative tech transfer
               Tel. +49 171 3146533
               E-Mail
|               | Beteiligungs-Pakete:
|               | Bernhard Spitzenberg / Stefanie Surmann
|               | Deutsche Messe AG
|               | Tel. +49 511 89-31319
|               | E-Mail |

**Participation packages**

Take advantage of the opportunity to participate as a sponsor. Participation packages are available starting at 1,600 € (i.e. incl. speaking slot). Further information is available [here](#).
Young Tech Enterprises consists of an exhibit area, forum, matchmaking events and pitches. The startups present everything from AI-based software, virtual reality, sensor technologies and logistics platforms to navigation systems, smart materials, intelligent battery packs, e-mobility, and energy solutions. Representatives from startups as well as related networks, incubators and economic development organizations give presentations and talks at the forum and is also home to the "Startup Pitches @ Young Tech Enterprises", where young companies briefly present their products and ideas.

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<td>Executive Partner</td>
<td>factum Presse- und Öffentlichkeitsarbeit GmbH D – München <a href="http://www.factum-pr.com">www.factum-pr.com</a></td>
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<tr>
<td>Contacts</td>
<td>Julia Wackermann Deutsche Messe AG Tel. +49 511 89-31137 E-Mail</td>
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Beteiligungs-pakete Attractive exhibitor participation packages from 2.000 EUR (Startup Counter, Cluster- or Network-Park) can be found HERE
The job and career at the HANNOVER MESSE is the career expo with its finger on the pulse of the industry sector. Embedded in the world’s leading fair, it offers people from the MINT sector who are interested in a career five days full of interactive workshops, free coaching sessions on careers, exclusive guided tours, top-notch networking opportunities and a diverse range of employers and job offers.

Would you like to orient yourself on the job market, are you interested in the topic of further training or are you looking for the perfect job-match? Whether you are a student or a professional, we accompany you on your career path. Because here it is about you and your personal success.

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| Contact         | Bernhard Spitzenberg  
                  | Deutsche Messe AG  
                  | Tel. +49 511 89-31319  
                  | E-Mail |
17th WomenPower Congress & Exhibition
Convention Center (CC)
Friday, 24 April 2020, 09:00 a.m. - 5:45 p.m.

Under the motto "Let’s get louder in Times of Transformation" we invite you to the most established network and discussion platform for women on career issues, success strategies and innovative forms of work. With around 1,400 participants, WomenPower is the industry's leading career congress. Join us for a day full of inspiration, hands-on workshops and success stories on current developments and challenges in the current and future world of work. Join us at the Career Congress in the heart of HANNOVER MESSE and meet specialists and managers, ambitious career starters, students and well-known personalities from politics, science and business.

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<td>Attendance</td>
<td>Participation fee. Further details follow in the 2nd issue (end of October)</td>
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</table>
| Contact           | Carolin von Tippelskirch  
|                   | Deutsche Messe AG  
|                   | Tel. +49 511 89-31683  
|                   | E-Mail |

| Participation packages | Use this unique platform for your employer branding and present yourself as a sponsor or with an exhibition stand in the exhibition accompanying the congress. Detailed information about the participation possibilities can be found HERE. |
NETWORKING & MATCHMAKING

Night of Innovations
Halle25
Monday, 20 April 2020, 5:15 – 10:00 p.m.

Those who attend the Night of Innovations will know that they are on the right track. It’s here that cutting-edge, innovative technology takes center stage, just as it does across the whole of industry. This event has established itself as a perfect platform at HANNOVER MESSE, where top people from science, industry and the political arena get together and talk about the relevant issues of the day. Exhibitors from Research & Technology invite trade visitors and exhibitors from other trade fairs to experience various fascinating presentations, shows and discussions affording insights into future-focused innovations.

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<td>Julia Wackermann</td>
<td>Participation packages</td>
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<tr>
<td>Deutsche Messe</td>
<td>Annika Fürst</td>
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<tr>
<td>Tel. +49 511 89-31137</td>
<td>Deutsche Messe</td>
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<td>E-Mail</td>
<td>Tel. +49 511 89-31624</td>
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Participation packages
Use the Night of Innovations as an opportunity to enter into a dialogue with leading members of the scientific, political and business communities and raise awareness of your company. As a sponsorship partner of the NoI you will leave a lasting impression. Further information is available as from end-October at the HANNOVER MESSE shop.
Logistics Exhibitor’s Party
Hall 3
Monday, 20 April 2020, 6:30 – 10:30 p.m.

On Monday evening of HANNOVER MESSE from 6 pm onwards exhibitors and guests of the logistics sector are highly invited to an exhibitor’s party with culinary delights, quality music entertainment and inspiring networking conversations in hall 3.

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<th>Organizer</th>
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<tr>
<td>Attendance</td>
<td>Exhibitors of HANNOVER MESSE in the field of logistics will get a minimum of two tickets free. Additional tickets will be available for a subsidized price. Feel free to invite your guests to enjoy the evening together in the logistics area.</td>
</tr>
<tr>
<td>Contact</td>
<td>Evin Bend</td>
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<td>Deutsche Messe AG</td>
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<td>Tel. +49 511 89-34123</td>
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WomenPower Networking Night
Hannover Exhibition Ground
Thursday, 23 April 2020, 6:00 – 10:00 p.m.

On the eve of WomenPower, let's network together and get in the right mood for the event. Look forward to the presentation of the Engineer Powerwoman Award and get in touch with colleagues, fellow campaigners, our speakers and the nominees of the Engineer Powerwoman Award.

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<td>Tel. +49 511 89-31683</td>
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<td>E-Mail</td>
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Young Engineers Night
Hall 25
Thursday, 23 April 2020, 6:00 p.m.

At the Young Engineers Night, the exhibition hall is transformed into a party location. Enjoy with your friends, fellow students and other party people a unique evening with cool drinks, the latest beats and party hits. This spectacular party leaves nothing to be desired! Be curious and be there.

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<th>Organizer</th>
<th>Deutsche Messe AG</th>
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<tr>
<td>Attendance</td>
<td>Participation free of charge in conjunction with a trade fair admission ticket. Further details on registration will follow.</td>
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<tr>
<td>Contact</td>
<td>Bernhard Spitzenberg</td>
</tr>
<tr>
<td></td>
<td>Deutsche Messe AG</td>
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<tr>
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<td>Tel. +49 511 89-31319</td>
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The IFOY Award - International Intralogistics and Forklift Truck of the Year - will be presented to the best intralogistics products and solutions of the year in up to 13 categories within intralogistics on Monday evening.

The IFOY Award is established as an indicator for economic efficiency and innovation within the intralogistics sector and is a well-known innovation price in its branch.

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<tr>
<th>Organizer</th>
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<tr>
<td>Language</td>
<td>German or English</td>
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<tr>
<td>Attendance</td>
<td>Attendance free of charge to HANNOVER MESSE ticket holders</td>
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</table>
| Contact         | Evin Bend  
Deutsche Messe AG  
Tel. +49 511 89-34123  
E-Mail            |

**Award Application**  
**Deadline: 30 October 2019!**  
Apply for the IYOY Award HANNOVER MESSE 2020. Further information is available [HERE](#)
**AWARDS & COMPETITIONS**

**ROBOTICS AWARD 2020**

Hall 6 (Automation Forum)
Tuesday, 21 April 2020, 3:30 – 5:00 p.m.

For the tenth time now HANNOVER MESSE will present the ROBOTICS AWARD – the prize for applied robotics solutions – under the patronage of Minister Dr. Bernd Althusmann, Lower Saxony State Minister of the Economy, Labour, Transport and Digitalization. This prestigious award has been presented on behalf of HANNOVER MESSE in cooperation with the Robotation Academy and the trade journal Industrieanzeiger in recognition of the applied robotics solutions of international companies. The judges are looking for products, projects and technological innovations that have made a contribution to robot-aided solutions in industrial automation and/or mobile robots or autonomous systems.

Be part of the action when the three best solutions are announced during HANNOVER MESSE 2020.

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</table>
| Co-organizers | Konradin Verlag R. Kohlhammer GmbH  
Redaktion Industrieanzeiger  
www.industrieanzeiger.de  
Robotation Academy GmbH  
http://www.technology-academy.group/ |
| Language | 🇩🇪 |
| Attendance | Attendance free of charge to HANNOVER MESSE ticket holders |
| Contacts | Mike Bär  
Deutsche Messe AG  
Tel. +49 511 89-31132  
E-Mail  
Susann Wangen  
Deutsche Messe AG  
Tel. +49 511 89-32122  
E-Mail |

**Award Application**  
**Deadline: 14 February 2020**  
Apply as exhibitor or non-exhibitor for the ROBOTICS AWARD at HANNOVER MESSE 2020. Further information is available [HERE](#) as from mid-October. The participation fee is 199 EUR plus VAT.
HANNOVER MESSE Guided Tours
Messerundgänge zu den Highlights
Messegelände Hannover, Startpunkt: Informations-Centrum (IC)
20 – 24 April 2020, 20.04.: 2:00 p.m. / 21 - 23 April: 10:00 a.m. and 2:00 p.m. / 24 April: 10:00 a.m.

Take advantage of HANNOVER MESSE Guided Tours to gain a compact overview and to get a great impression of the topics that really interest you. HANNOVER MESSE Guided Tours guarantee you’ll never miss the highlights in your special area of interest. The exhibitors will demonstrate you their innovative products and solutions in 15 minutes each, during the approx. 2 – 2.5 hours trade fair tours. With the Guided Tours, we offer you subject-specific and interesting tours with the following topics:

- Less weight, lower costs, greater efficiency
- Parts, components and digitization solutions for the mechanical and plant engineering Industry
- Connected manufacturing – the key to the IIoT
- Key technologies and solutions for the digitization of production
- 5G is the next phase in the Industry 4.0 revolution
- Industry 4.0 & Industrial Internet
- Emission reduction in industry – your contribution to climate protection
- Solutions for smart energy networks
- Zero emission mobility
- Industrial research & development – driving the ideas of future industries
- Industrial startups – What’s next?
- Digitally integrated logistics
- Working with cobots
- Opportunities of AI systems for small to medium enterprises

You’ll find all the key information, facts and figures on our Guided Tours HERE.

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<td>Attendance</td>
<td>Participation fee: 18,00 EUR (incl. V.A.T.) The participation fee does not include the entrance ticket to the fair. Registration required (as from end February 2020). <strong>Duration:</strong> approx. 2 – 2.5 hrs</td>
</tr>
</tbody>
</table>
| Contact         | Jennifer Early  
Deutsche Messe AG  
Tel: +49 511 89-31237  
E-Mail |
|                 | Gunda Lippoldt  
Deutsche Messe AG  
Tel: +49 511 89-33114  
E-mail |

Custom and theme tours
In collaboration with event-it, Deutsche Messe will put together an individually, according to your wishes, tailored customized tour for yourself or a group of yours. You have also the opportunity to book for your guests a Guided Tour from the existing portfolio. Further information and fees are available from the above-mentioned contacts.