

HANNOVER MESSE

11TH INTERNATIONAL MES CONFERENCE

4 April 2019

Convention Center (CC)

Hannover • Germany

hannovermesse.de/en/mes

Simultaneous
English translation
+ guided tour
MES solutions

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Deutsche Messe



MES in the era of data integration

In the age of integrated manufacturing, the role of manufacturing execution systems at the heart of networked production cannot be over-emphasized. The 11th International MES Conference at HANNOVER MESSE 2019 will focus on how leading companies engaged in discrete and process manufacturing employ these data-based solutions. Taking place under the slogan “MES in the era of data integration”, the Conference provides digital innovators with a platform for reporting on MES-controlled traceability, successful system roll-outs and the role of real time data analysis in failure and error avoidance. There will also be a panel discussion on the importance of MES within the supply chain. Representatives from industry, IT and the research world will speak about the impact of the paradigm change brought about by Industrie 4.0 in logistics. Can MES solve the problems? Are the current solutions future-proof? Visitors will find answers to these questions at the 11th International MES Conference.

In cooperation with the Association of German Engineers (VDI), the Association of German Mechanical and Plant Engineering (VDMA), the User Association of Automation Technology in Process Industries (NAMUR), the German Electrical and Electronic Manufacturers' Association (ZVEI) and SC. Lötters, we cordially invite you to attend this interdisciplinary overview of the use of manufacturing execution systems.



Image: Fotolia/zapp2photo

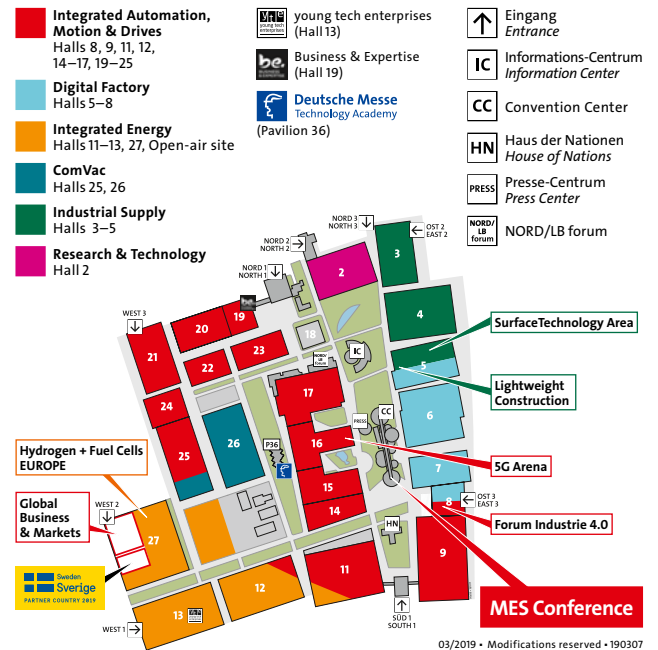
Registration and venue

Participation in the International MES Conference is free of charge upon presentation of a trade fair admission ticket.

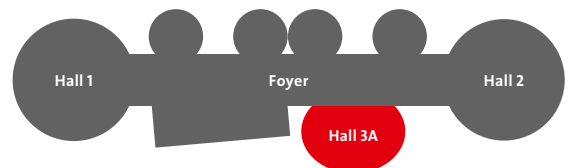
- **Venue:** Convention Center (CC), room 3A
- **Participation fee** for guided tour “MES Solutions”: € 15 (plus VAT)

Register online at:

www.hannovermesse.de/en/mes



Convention Center (CC) floor plan



MES in the era of data integration – Program

	Agenda	Speakers
10.15	Words of welcome and introduction	Patrick C. Prather Senior Editor, IT&Production/TeDo Verlag GmbH
10.20	DÜRR Group in dialogue: Digital mechanical engineering – value for production and product <ul style="list-style-type: none"> ■ MES & IIoT: competitor or partner? ■ IIoT applications based on the ADAMOS platform ■ Analytical functions optimize OEE 	Dipl.-Ing. Bernd Kremer Senior Manager Sales MES, Controls and IIoT, Dürr Systems AG 
10.40	Lift your production data – unveil information to grow your business The power of traceability for MES customers <ul style="list-style-type: none"> ■ Data is silver but information is gold ■ Tracking production histories ■ Focus on the tracking and control of the production process 	Mag. Bernd Steinbrenner Chief Commercial Officer, Industrie Informatik GmbH (A) 
11.10	Requirements engineering for MES using intensive dialogue <ul style="list-style-type: none"> ■ Strategic use of IIoT technology ■ Viewing production segments as part of a network ■ Starting with your own key decisions 	Prof. Dr.-Ing. Alexander Mattes Professor for Manufacturing Technology, F&E GmbH (R&D enterprise of Kiel University) 
11.40	Real Time Data & Visual Management <ul style="list-style-type: none"> ■ Real Time Data ■ Visual Management ■ Product defects detected before the customers 	Daniel Garcia IT Business Analyst, Klöckner Pentaplast
12.10	Light Lunch	
12.45	Panel discussion: Supply chain reliability not possible without MES!	
	Moderation: Dr. Christine Lötters CEO, SC.Lötters 	Dr.-Ing. Florian von der Hagen Director Engineering Solutions, Business Unit Maintenance, Repair and Overhaul (MRO), Lufthansa Industry Solutions 
	Karl M. Tröger Business Development Manager, PSI Automotive & Industry GmbH 	Katharina Röhrig Organisational Development & Controlling, GFOS mbH 
	Dipl.-Ing. Michael Baranowski CEO, TEAM GmbH 	Dr. Karsten Sontow CEO, Trovarit AG 
1.35	Pharma 4.0: IIoT in pharmaceutical production environments <ul style="list-style-type: none"> ■ Focus on production data ■ Shift from individual applications to networked functions ■ Enhancing data integrity with the IIoT 	Rolf Helge Traut Global Lead Automation Engineer, Takeda Pharmaceutical International AG 
2.05	Digital transformation in the process industry <ul style="list-style-type: none"> ■ Big Data – AI ■ Human Transformation ■ MES – IIoT Plattform 	Dipl.-Ing. Uwe Küppers Senior Business Consultant, Rockwell Automation 
2.35	New requirements imposed on MES by Industrie 4.0 <ul style="list-style-type: none"> ■ Industrie 4.0 facilitates more flexible production ■ Integration of additional production resources ■ Increasing demands on MES 	Prof. Dr.-Ing. Alexander Fay Head of Institute, Institute for Automation Technology, Helmut-Schmidt-Universität 
3.05	Closing Remarks	Patrick C. Prather Senior Editor, IT & Production/TeDo Verlag GmbH
3.20 – 5.00	The MES Solutions guided tour includes visits to the following exhibitors: gbo datacomp/Germanedge/GFOS/Hewlett Packard Enterprise/iTAC/T.CON/VIDEC Information stand during the conference: BrightEye/Lighthouse Systems	



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