

LIGNA Conference 2016

Integrated Manufacturing in the Woodworking
Industries – the Industry on its Way to Industry 4.0

3 – 4 May 2016
Hannover • Germany

ligna.de/en/con



Deutsche Messe

LIGNA

LIGNA Conference 2016

“Integrated Manufacturing” on the way to Industry 4.0 is one of the biggest challenges that manufacturers, factory employees and industrial centers around the world will have to deal with over the next few years. It will doubtless open up new opportunities in terms of increased productivity, totally new production and supply chains and innovative business models, but it will also bring radical change to the way people work. Mastering the challenge of integrated production requires cooperation and active participation across an extremely diverse range of sectors and stakeholders.

“Integrated Manufacturing” already featured as the keynote theme at LIGNA 2015 because it is an important issue with far-reaching consequences for the show’s exhibitors and visiting wood industry professionals.

And now this year, at the 2016 LIGNA Conference, owners of small and medium businesses will have the opportunity to learn from real-life case studies just how much added value they can generate by implementing the right level of digitalization. Speakers and participating companies will give examples of how companies have already successfully implemented Industry 4.0 technologies in their production processes and will outline the impacts of this on key interfaces with development, production and sales. Staged a year ahead of LIGNA 2017, this is an excellent opportunity for professionals in the woodworking trades and wood industry to explore Industry 4.0 and find out what’s commercially viable, what’s already technically feasible, and what is still some way off in the distant future.

So come prepared for quality keynotes, innovative examples of current best practice and thought-provoking discussion input from specialists from the furniture industry, wholesale, online business, the automotive and caravan industries, IT, the automation technology and mechanical engineering industries and the research sector.

- | | |
|---------------------------------|-----------------------|
| ■ Adolf Würth | ■ Knaus Tabbert |
| ■ Beckhoff Automation | ■ Lenze |
| ■ BIESSE | ■ Lignum Consulting |
| ■ CLAAS | ■ moebel.de |
| ■ HOMAG | ■ Einrichten & Wohnen |
| ■ IKEA | ■ PHOENIX CONTACT |
| ■ IMA Klessmann | ■ SAP |
| ■ imos | ■ SCM |
| ■ Hochschule Ostwestfalen-Lippe | ■ Steelcase Werndl |
| ■ JELD-WEN | ■ Volkswagen |
| | ■ WEINIG |



Program

Day 1

Moderator: Andreas Kuhnt

Time **Tuesday, May 3rd 2016**

15:00 Registration, Welcome Coffee,
Company Presentations

15:30 Official opening of the Conference by:

- **Dr. Bernhard Dirr**, Managing Director
**VDMA German Woodworking
Machinery Association**
- **Dr. Jochen Köckler**, Member of
the Board, **Deutsche Messe AG**



Block 1 – Keynotes

15:50 New opportunities by Industry 4.0 –
increase of efficiency and business
models in plant and engineering
Timothy Kaufmann,
Business Development Internet of Things (IoT)
SAP Deutschland SE & Co. KG



16:30 Changing requirements for Würth –
digitalization of the value chain
Markus Kuhbach, Head of Division Wood
Adolf Würth GmbH & Co. KG

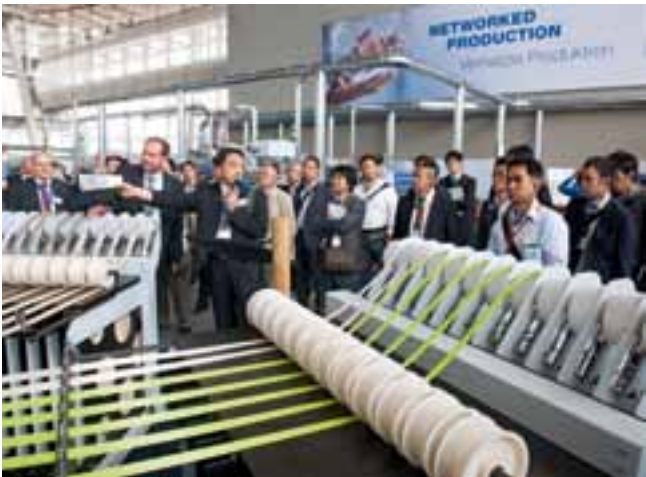


16:55 Impact of Industry 4.0 on our
everyday lives
Per Berggren,
Manager Industrial Strategies
IKEA Industry



17:40 Networking Event, Company Presentations
Deutsche Messe AG cordially invites you to attend a friendly get-together complete with refreshments and finger food. This is a great opportunity for you to make and renew contacts in a relaxed setting. It's also a chance for you to engage with LIGNA Conference Technology Partners, participating companies*, speakers and, of course, your industry peers to reflect on the integrated-production insights, views and issues presented at the Conference.

* The companies running table top presentations will be announced in the lead-up to the Conference at ligna.de/en/con



Program

Day 2

Moderator: Andreas Kuhnt

Time **Wednesday, May 4th 2016**

08:30 Company Presentations (tabletops)

09:00 Welcome, Introduction

Block 2 – “Best Practices”

09:15 The right qualification for professionals in an Industry 4.0 environment
Olaf Katzer, Head of International Job Family Development
Volkswagen Akademie/Volkswagen AG



10:00 The furniture market in times of digital transformation – from manufacturing to the customer: data processing and conditions for successful online business
Arne Stock, COO
moebel.de Einrichten & Wohnen AG



10:25 Modular machine concepts for handling applications in woodworking machinery
Kay Willerich, Head of Profit Center Controls
Lenze Automation GmbH



10:50 *Coffee Break and Company Presentations*

11:30 Digitalization: Identification of improvement potentials within a growing international production network
Stefan Schulte, Head of Product Development
CLAAS KGaA mbH



12:00 And who talks to my machine? Experiences of a special machine builder
Ferdinand Hasse, Vice President Manufacturing Solutions
PHOENIX CONTACT Deutschland GmbH



Block 3 – “Best Practices”

12:25 The 7 building blocks for a connected factory
Dieter Rezbach, Managing Director
Lignum Consulting GmbH



12:50 Assembly 4.0 – How new technologies are affecting assembly activities
Prof. Dr.-Ing. Sven Hinrichsen, Industrial Engineering
Ostwestfalen-Lippe University of Applied Sciences



13:15 *Lunch Break and Company Presentations*

14:15 Panel Discussion
Chaired by:
■ **Tino Eggert**, möbelfertigung (Holzmann Verlag)
■ **Christian Närdemann**, BM (Konradin Verlag)

15:15 From “lean production” to “integrated production”: practical implementation
Christoph Rieke, Operations Manager
Steelcase Werndl AG



15:40 Caravanning – customization takes the road
Werner Vaterl, Managing Director
Knaus Tabbert GmbH



16:05 Managing complexity in relation to short delivery times – Successful models in the area of door production
Bernd Kressmann, Chairman of the Board of Management
JELD-WEN Deutschland GmbH & Co. KG



16:30 Conclusion and Summary

appx. 16:45 End of Conference

Program

Day 2

Panel Discussion

Chaired by:

- **Tino Eggert**, möbelfertigung (Holzmann Verlag)
- **Christian Närdemann**, BM (Konradin Verlag)

What are the implications of Industry 4.0 for the woodworking sector?

- **Gregor Baumbusch**, Member of the Board
Michael WEINIG AG
- **Andreas Bischoff**, Head of Sales
IMA Klessmann GmbH
- **Jürgen Köppel**, Member of the Board
HOMAG Group AG
- **Bernd Kressmann**, Chairman of the Board of Management
JELD-WEN Deutschland GmbH & Co. KG
- **Mauro Pede**, System Sales Director
BIESSE Group
- **Prof. Dr.-Ing. Frank Prekwinkel**, Member of the Board
imos AG
- **Dieter Rezbach**, Managing Director
Lignum Consulting GmbH
- **Christoph Rieke**, Operations Manager
Steelcase Werndl AG
- **Frank Westermann**, Managing Director
WESTERMANN
Karl Westermann GmbH & Co.KG
- **Luigi De Vito**, SCM Group Machinery Division Director
SCM Group



Information/Organizer



Deutsche Messe

Deutsche Messe AG
Messegelände
D-30521 Hannover
ligna.de



Project Management

Stephanie Wagner
stephanie.wagner@messe.de



Registration and Administration

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ligna-conference@messe.de

ligna.de/en/con



VDMA – Fachverband Holzbearbeitungsmaschinen
Lyoner Straße 18
60528 Frankfurt/Main
holz.vdma.org

Company Presentations

The tabletop presentations are a highly effective way for you to find future customers and showcase your products and services to a top-notch professional audience. The presentation slots are limited to a maximum of 15 companies and cost EUR 1,250 each. Interested? Contact us!

Registration

Please register either by using the online registration form at www.ligna.de/en/con, by eMail to ligna-conference@messe.de or by completing and sending the registration **coupon** via fax. Once we have received your written registration form/coupon, we will register you as a participant and send you a written confirmation of registration together with an invoice which must be paid before the start of the event. If you cancel or fail to show up at the event, you will be billed for the full participation fee (note: you can nominate others to participate in your place). The organizer reserves the right to relocate the event or parts of it (to a different site at the exhibition center) and/or to make changes to the timing of the event or parts of it (program sequence). The organizer further reserves the right to cancel the event if the number of confirmed participants is too low for it to offer sufficient content.

Companies: register one representative (applicable to regular conference attendees) and get 10% off the price of all subsequent attendee registrations!

Supported by:

Partners

Hochschule Ostwestfalen-Lippe
University of Applied Sciences



Media Partners



Conference Fee

The conference fee is EUR 249.00 plus VAT and includes the following:

- participation on both days of the conference
- beverages and snacks during coffee break
- lunch
- participation in evening get-together
- free parking

Limited number of participants; early registration is recommended. Registrations will be accepted in order of receipt. No refund of fee upon cancellation. A replacement participant can be named at any time at no extra charge.

Special thanks to the Technology Partners of the LIGNA Conference 2016:

BIESSE Group

Via della Meccanica 16, IT-61122 Pesaro

www.biesse.com, biesse.marketing@biesse.com



Think4ward.

Forward-thinking automation and software solutions to help our customers leverage the fourth industrial revolution.

HOMAG Group AG

Homagstr. 3-5, D-72296 Schopfloch

www.homag-group.com, info@homag-group.com



The HOMAG Group already fulfills many of the criteria of the Industry 4.0 vision. This has enabled furniture manufacturers in trade and industry to produce millions of furniture designs and minimize delivery times using the fully networked and highly flexible batch size 1 systems of the HOMAG Group. Therefore the HOMAG Group is working hard with partners, suppliers and customers to harmonize interfaces and enable end-to-end communication.

IMA Klessmann GmbH –

Holzbearbeitungssysteme

Industriestraße 3, D-32312 Lübbecke

www.ima.de, marketing@ima.de



Networked manufacturing in the intelligent furniture factory is a requirement for diversity and individualized products in small production runs. During planning and realization of the whole process chain our Network is your perfect contact.

imos AG

Planckstraße 24, D-32052 Herford

www.imos3d.com, info@imos3d.com



imos develops and distributes software for the furniture and interior design worldwide. The CAD/CAM software combines the design of furniture and interior design including fittings of furniture suppliers to an integrated process from the internet based room planning and order entry as well as calculation up to controlling current CNC machines.

SCM Group

Via Emilia 77, IT-47921 Rimini (RN)

www.scmgroup.com, scmgroup@scmgroup.com



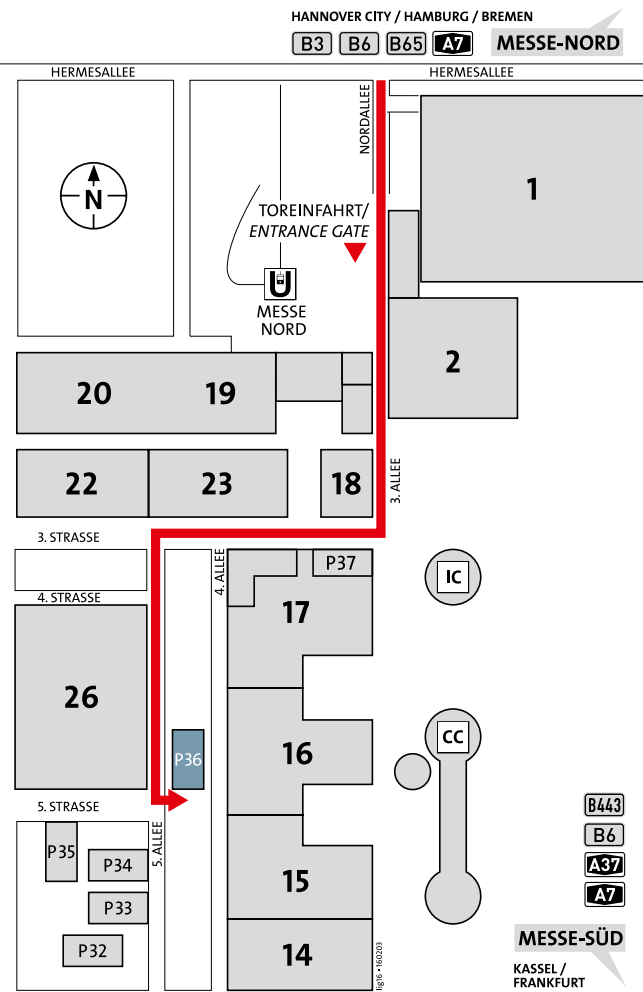
Producing only what is required, when it's required and keeping constant control of production systems everywhere. This is what the SCM Group is developing in order to provide tools which both small joineries and large industrial companies can use. The implementation of new technologies on SCM equipment makes it possible for machinery and systems to communicate with each other in real time inside a network and the cloud.

Conference Date

Tuesday, May 3 (3:00 p.m.) –
Wednesday, May 4, 2016 (appx. 5:00 p.m.)

Location

Robotation Academy, Pavillion 36
Messegelände
D-30521 Hannover
robotation.de



Accommodation

The following hotels reserve a limited number of rooms until 4 weeks (Radisson: 6 weeks) before the conference date. Please make your reservations using the below booking link. www.hannover.de/ligna-conference

Designhotel + Congresszentrum Wienecke XI.****

Hildesheimer Straße 380
D-30519 Hannover
wienecke.de
Distance Robotation Academy: 4 km
Price overnight stay: EUR 84,00

Radisson Blu Hotel Hannover*****

Expo Plaza 5
D-30539 Hannover
radissonblue.com/de/hotel-hannover
Distance Robotation Academy: 2 km
Price overnight stay: EUR 95,40

Registration

LIGNA Conference 2016

Deutsche Messe
Zoi Ioannidou
MesseGelände
D-30521 Hannover

Online at: www.ligna.de/en/con
By eMail: liga-conference@messe.de

**I would like to register for the LIGNA Conference 2016
at a price of EUR 249.00 plus VAT:**

- ☐ May 3 – 4, 2016, Robotation Academy,
MesseGelände, Hannover/Germany
- ☐ I take part in the evening Get-Together
on May 3, 2016 in the Robotation Academy.*
*No discount can be granted for not taking part
in the evening Get-Together.
- ☐ Yes, we are interested in taking part with a
Company Presentation (tabletop). Please provide
us with information and registration form.

Companies: register one representative (applicable
to regular conference attendees) and get 10% off the
price of all subsequent attendee registrations!
Media representatives are invited at no charge
(please provide press credentials).

Data Protection Clause

Your personal data will be used by DMAG for written customer
support (i.e. confirmation of registration, information on similar
events) as well as to prepare a list of participants. You have the right
to object to the use of your personal data at any time by written
notification to DMAG or by sending an eMail to info@liga.de.

Participants

Surname, Titel: _____

Name: _____

Position: _____

Department: _____

Company/Institute: _____

Street/P.O. Box: _____

Zip Code, City, Country: _____

Tel.: _____

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The bold marked fields are required.



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holz.vdma.org

Guide to manufacturers:
www.machines-for-wood.com

