

**HOERBIGER  
Production  
Conference**

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**TECHNOLOGY**



# WELCOME to Stuttgart, Germany

Ladies and Gentlemen:

We are delighted to welcome you to Stuttgart for our Global HOERBIGER Production Conference 2014. This conference is a conference of firsts:

- For the first time we focus on **Innovation and Technology**, a fast advancing field creating significant additional opportunities for our plants.
- For the first time we have received far more proposals for papers than we could reasonably schedule. For all of you that have not been chosen to present, we appreciate your initiative and promise there will be another opportunity in the future.
- For the first time we have been given the opportunity to organize this conference—a tradition in KT since 2005 **with participation of and contributions from all HOERBIGER business units**. Our appreciation goes to Dr. Martin Komischke, and all the Members of the Executive Board for supporting this initiative.

You know even the most credible sounding predictions by some of the most credible men can't stand the test of time. Here are some of our favorites:

"A rocket will never be able to leave the Earth's atmosphere."  
— New York Times, 1936.

"There is not the slightest indication that nuclear energy will ever be obtainable. It would mean that the atom would have to be shattered at will." — Albert Einstein, 1932.

"This 'telephone' has too many shortcomings to be seriously considered as a means of communication. The device is inherently of no value to us." -- Western Union internal memo, 1876.

"The horse is here to stay but the automobile is only a novelty — a fad." — The president of the Michigan Savings Bank advising Henry Ford's lawyer, Horace Rackham, not to invest in the Ford Motor Co., 1903.

Particularly on the last one, we as HOERBIGER are very happy this prediction did not materialize. But here are some of our predictions and the next generation(s) may reflect on their credibility:

- Our customers will become more demanding and our competitors will become more aggressive and Operational Excellence is the key to satisfy customers and defend against competitors in the future.
- An open minded collaboration within HOERBIGER, with Expert Networks and a Global Project Management team, will help to identify and implement Best Practices.

- Innovation and Technology as a driver for Next Practices in close cooperation with external expert partners will generate significant changes on our way to Operational Excellence.

We have put together a conference to learn, share and grow as well as to meet old friends and form new ones in the process. A big "Thank you" goes to everyone who has contributed to this HOERBIGER Production Conference. Without the outstanding support from all of you in so many different ways it would be impossible to put a conference like this together.

**Enjoy your stay in Stuttgart.**



**Johann Hipfl**  
CEO Compression Technology



**Hannes Hunschofsky**  
Executive VP Global Operations



Sunday, June 1, 2014

18:00 - 21:00 **Welcome Cocktail Reception**  
*Elysee 1*



## Le Méridien Stuttgart Hotel

Willy-Brandt-Strasse 30  
70173 Stuttgart, Germany  
T: +49 711 2221 0  
[www.leMeridienstuttgart.com](http://www.leMeridienstuttgart.com)

## Le Méridien Restaurants

- Restaurant Le Cassoulet
- Tavern Le Medoc
- Bar Lillet
- Bar Wulle Staffel

## Recommended Local Restaurants ★★★★★ (less than 1 mile from the hotel)

**ASPENDOS**  
*International*

Neckarstraße 98  
T: (0711) 2859503  
[restaurant-aspensos.de](http://restaurant-aspensos.de)

**BLOCK HOUSE**  
*Steakhouse*

Arnulf-Klett-Platz 3  
T: (0711) 2369420  
[www.block-house.de](http://www.block-house.de)

**VALLE**  
*Italian*

Geschwister-Scholl-Str. 3  
T: (0711) 2202727  
[www.ristorante-valle.de](http://www.ristorante-valle.de)

**ZUM PAULANER**  
*German*

Calwerstraße 45  
T: (0711) 224150  
[www.zumpaulaner.de](http://www.zumpaulaner.de)

For a complete list of  
local restaurants visit:  
[www.stuttgart-tourist.de](http://www.stuttgart-tourist.de)

## Stuttgart Facts at a Glance

- Region:** Southwest Germany
- Federal State:** Baden-Württemberg
- Population:** Approximately 580,000
- Boroughs:** 23
- Area:** 207 km<sup>2</sup>
- Highest Building:** Stuttgart Television Tower, 217 meters
- Football:** National League, 1st Division. VfB Stuttgart's home ground is the Mercedes-Benz Arena.
- Highlights:** Stuttgart Beer Festival, Stuttgart Wine Village, Stuttgart Christmas Market, Stuttgart State Theatres, Mercedes-Benz Museum, Porsche Museum, mineral baths, "Wilhelma" zoological and botanical gardens, musicals, Stuttgart State Gallery, Stuttgart Museum of Art, Württemberg State Museum, Weissenhof Estate, Stuttgart Museum of Viniculture.



# Guest Speakers

## Prof. Dr. -Ing. Werner Bick



Prof. Dr.-Ing. Werner Bick teaches at the 'Hochschule Regensburg' and serves as the CEO of ROI Management Consulting AG in Munich since 1999. Prior to joining ROI, Prof. Bick worked for Knorr-Bremse AG as head of logistics and head of the production segment.

Prof. Bick brings his expertise to bear on improving internal and cross-company logistics, optimizing production, and increasing efficiency and effectiveness in development and the product development process.

After completing his studies in mechanical engineering, Prof. Bick first worked for Milberg GmbH as a consultant for assembly and structure design. During this time, he completed his dissertation on the technical and economic optimization of assembly systems.

## Univ. Prof. Dr. Friedrich Bleicher



Prof. Friedrich Bleicher is Head of the Institute of Production Engineering and Laser Technology at the Vienna University of Technology. After finishing his master's degree in Mechanical Engineering, he worked as a research assistant at the Institute of Production Engineering and Laser Technology. In 1996 he obtained his doctorate in Mechanical Engineering and in 2001 he became an associate professor at the Institute for Production Engineering and Laser Technology.

In 2009 he was appointed to professor of Production Engineering and Chipping Technology at the Vienna University of Technology. His main topics of research cover machining processes with geometrically defined and undefined cutting edges, process automation, development and optimization of machine tools, parallel kinematics, EDM-technologies, and rapid manufacturing.

## Dipl. -Ing. Johann Hofmann



Johann Hofmann has worked for Maschinenfabrik Reinhausen since obtaining his degree in mechanical engineering in 1989. After only two years he took over management of NC programming and began to systematize a paperless data and information process. After nearly 20 years of detailed work, the development and industry testing of this revolutionary solution was finished.

The Manufacturing Execution System (MES) was developed from practice for practice and provides benefits in supply chains in the heart of the manufacturing industry in German-speaking countries. With this innovation, Johann Hofmann was one of the architects and pioneers of the fourth industrial revolution and in 2013 he accepted the first INDUSTRY 4.0 AWARD on behalf of Maschinenfabrik Reinhausen.

Today, Mr. Hofmann passes on his in-depth knowledge from over 25 years of practical experience in professional publications, seminars and lectures. He regularly delights his audience with his lively and vivid way of conveying innovative knowledge.

## Dr. Thomas Troll



Dr. Thomas Troll has worked at ROI Management Consulting AG in Munich since 1999, initially as a project head and, since 2006, as partner.

His consulting work focuses on projects related to lean thinking, from optimizing specific production and logistic processes to reorganizing entire facilities. In addition, he is responsible for the refinement of ROI consulting programs and methods in the areas of "lean production" and internal company knowledge management.

Dr. Troll studied electrical engineering at the Technical University of Munich and worked as a research assistant developing various vehicle sensors and driverless transport systems.

## Steven J. Spear, DBA, MS, MS



Steven J. Spear (DBA MS MS) is a Senior Lecturer in MIT's Engineering Systems Division and in the Sloan School of Management. He is also a Senior Fellow at the Institute for Healthcare Improvement. Author of The High Velocity Edge and a number of articles in managerial and medical journals (see list below), Spear has focused his research, writing, and consulting on how select organizations achieve game changing performance, gained through accelerated, sustained, and broad based improvement and innovation. The driving mechanisms are high speed feedback loops and learning cycles through which aberrations and problems trigger problems solving, leading to solution sustainment and spread.

"Decoding the DNA of the Toyota Production System," Harvard Business Review

"Learning to Lead at Toyota," Harvard Business Review

"Fixing Healthcare from the Inside, Today," Harvard Business Review

"Ambiguity and Workarounds as Contributors to Medical Error," Annals of Internal Medicine

"Operational Failures and Interruptions in Hospital Nursing," Health Services Research

"Using Real Time Problem Solving to Eliminate Central Line Associated Blood Stream Infections," Joint Commission Journal on Quality and Patient Safety

"Medical Education as a Process Management Problem," Academic Medicine

## Dipl. -Ing. Tobias Strölin



Tobias Strölin, studied Technology Management at University of Stuttgart. Since 2012 he is research associate at Fraunhofer Institute for Industrial Engineering IAO and works in the competence center for Production Management.

Focus of his research and industrial activities are designing methods for planning and deploying flexible workload on the shop floor as well as the need-based application of IT and mobile devices for an improved lean, flexible and smart manufacturing.

Currently, he is managing the innovation network "Production Work 4.0" – a consortium comprising industrial companies, unions and employers' associations. Aim of the project is the investigation and evaluation of certain use cases for the Production Work of the future under the paradigm of "Industrie 4.0".

## Hosts and Minders

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**Emergency 112**



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*because performance counts*

[www.hoerbiger.com](http://www.hoerbiger.com)