



**SIEMENS**  
*Ingenuity for life*

# Agenda

**Tuesday, October 16<sup>th</sup>, 2018**  
**Tecnomatix Plant Simulation**  
**Worldwide User Conference**  
**Customer Tours**

**2018 Plant Simulation Worldwide User Conference**  
**Siemens Industry Software GmbH**  
**Weissacher Str. 11**  
**70499 Stuttgart, Germany**

**12:00** Registration starts  
**12:30** **Bus transfer to Eisenmann**  
Matthias Heinicke  
Ralph Bauknecht  
**13:00** **Bus transfer to Daimler**  
Klaus Hoch  
Dr. Ulrich Rossgoderer  
Siemens Industry Software GmbH  
**About 16:00** **Back at the office**

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**Siemens Industry Software GmbH**  
**Weissacher Str. 11**  
**70499 Stuttgart, Germany**

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|--------------|--|
| <b>8:00</b>  | Registration starts  |
| <b>9:00</b>  | <b>Opening</b> (Room Stuttgart and Karlsruhe)<br>Matthias Heinicke<br>Siemens Industry Software GmbH   |
| <b>9:30</b>  | <b>Plant Simulation Version 14, 14.1, 14.2 and Roadmap 15</b><br>Dr. Georg Piepenbrock<br>Product Manager Plant Simulation<br>Siemens Industry Software GmbH |
| <b>10:45</b> | Break  |

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	Room Stuttgart	Room Karlsruhe
11:15	<p><b>Developing a test environment for a flexible production control algorithm with Plant Simulation</b></p> <p>Marc Philip Hermans, Audi Hungaria Zrt. Sebastian Mayer, Zentrum für Angewandte Forschung TH Ingolstadt</p>	<p><b>1 billion lines of consumer packaged goods – simulating the supply chain with big data</b></p> <p>Dr. Alexander Klaas Miebach Consulting GmbH</p>
11:45	<p><b>Teamcenter - Plant Simulation-based reconfiguration of assembly systems</b></p> <p>Christian Siedelhofer BMW Group Julian Schallow – IPS, TU Dortmund</p>	<p><b>Decision support system modeling for aerospace maintenance, repair and overhaul (MRO) using Plant Simulation</b></p> <p>Dr. Sumin Jeon Siemens Pte Ltd, Singapore</p>
12:15	<p><b>Data Farming Research Project with Audi and VW</b></p> <p>Professor Dr. Steffen Strassburger, Dr. Sören Bergmann, Niclas Feldkamp, TU Ilmenau, Kristina Sokoll, Matthias Clausing Audi AG</p>	<p><b>Elaborating Industry 4.0 compatible decision support systems using Plant Simulation</b></p> <p>Dr. Richárd Ladanyi Bay Zoltán Alkalmazott Kutatási Közhasznú Nonprofit Kft. Hungary</p>
12:45	<b>Lunch, Fair, Guided Tours</b>	
14:15	<p><b>Evaluation of energy- and emission-saving activities for container terminals using Plant Simulation</b></p> <p>Carsten Eckert HPC Hamburg Port Consulting GmbH</p>	<p><b>How to use the Plant Simulation fluid library for simulating a seed production facility</b></p> <p>Steffen Bangsow advanced simulation services</p>
14:45	<p><b>Cargo of the future – Co-design of future cargo handling at the airport by simulation</b></p> <p>Niklas Rommelspacher SimPlan AG</p>	<p><b>Overview Line Designer: Layout from Teamcenter to Plant Simulation</b></p> <p>Timur Ucan Siemens Industry Software</p>

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15:15	<b>Case study of Simulation Based Production Strategy Evaluation in Heavy Industries</b> Youngeun Chun Doosan Heavy Industries and Construction Korea	<b>Assembly line concept phase</b>  Peter Krause, Stefan Richthammer Siemens AG
15:45	<b>Coffee break</b>	
16:15	<b>Teamcenter plan data-based Plant Simulation model generation and GA-based optimization of assembly systems</b> Julian Koch ZeMA - Zentrum für Mechatronik und Automatisierungstechnik gemeinnützige GmbH	<b>Digital twin of a locomotive plant based on the simulation model as a tool for strategic planning</b> Ruslan Zhavoronkov 2050.digital Russia
16:45	<b>HEEDS Highly agile advanced optimization solutions for Plant Simulation</b> Jakob Schillinger Siemens Industry Software GmbH	<b>Plant Simulation – Digital twin for material flow and worker simulation</b> Dr. Thomas Stoffel Siemens AG
17:15	<b>Simulation-based tool for throughput analysis of robotic mobile fulfillment systems</b> Thomas Lienert, M.Sc. Technical University of Munich	<b>Benefits of 3D-Simulation for AGV Systems</b> Martin Gallus E&K Automation GmbH
17:45	<b>Summary and Q&amp;A</b>	
18:00	<b>Dinner, Open Discussion, Networking and Music</b>	
22:00	End	

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Thursday, October 18<sup>th</sup>, 2018  
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09:00 Registration

Time	Stuttgart	Karlsruhe	Ulm
09:30	<b>3D Introduction + Factory 51</b>  Ralf Tobel Siemens Industry Software GmbH	<b>Working with fluid objects</b> Do's, don'ts and general guidelines  Dr. Gert Nomden cards PLM Solutions B.V	<b>Probability Distributions with bounds exemplified by the time to repair</b>  Dr. Peter-Michael Schmidt Siemens Industry Software GmbH
10:15	<b>3D model performance</b>  Peter Komarek and Angela Rösch Siemens Industry Software GmbH	<b>Edge Cloud MindSphere Plant Simulation</b>  Sebastian Schußlbauer Siemens AG	<b>Reuse a Line Designer layout from Teamcenter in Plant Simulation</b>  Timur Ucan and Niklas Natterer Siemens Industry Software GmbH
11:00	<b>Coffee break</b>		

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Time	Stuttgart	Room Karlsruhe	Ulm
11:30	<b>The new 3D Pick and Place Robot: Graphics, usecase, via points, predefined transfer methods</b>  Ralph Bauknecht  Siemens Industry Software GmbH	<b>MES and Plant Simulation Project Time Machine: Connecting Manufacturing Operations Management (MOM) with Plant Simulation</b>  Corradino Guerrasio  Siemens Product Lifecycle Management Software Inc.	<b>Collaboration: How to use Plant Simulation in teams: New format: ROUND TABLE DISCUSSION</b>  Chair: Simon Lidberg  Volvo Cars Sweden
12:15	<b>Plant Simulation VR; virtual reality factory visualization, collaboration and control with HTC Vive and Co.</b>  Eduard Kinas  more3D GmbH & Co. KG	<b>Workers carrying parts to destinations on different levels along the shortest route avoiding obstacles</b>  Matthias Heinicke  Siemens Industry Software GmbH	<b>Getting the most out of libraries, how to use the library concept and folder structure beneficially in teams</b>  Michael Joos  Siemens Industry Software GmbH
13:00	<b>Lunch</b>		
14:30	<b>New crane library: Multi portal crane, gantry crane, high bay warehouse HBW, automated guided vehicle system routing</b>  Ralph Bauknecht  Siemens Industry Software GmbH	<b>Teamcenter - Plant Simulation Data Exchange: Intention, Status, and Roadmap</b>  Dr. Georg Piepenbrock and Timo Staudenmaier  Siemens Industry Software GmbH	<b>HTML Report for beginner HTML Report advanced</b>  Martin Lemburg  Siemens Industry Software GmbH
15:15	<b>Future of additive manufacturing- 3D printing business for the manufacturing industry</b>  Xavier Llobera  HP 3D Printing	<b>Virtual Commissioning Working with OPC UA and PLC Sim Advanced</b>  Dr. Georg Piepenbrock and Michael Joos  Siemens Industry Software GmbH	<b>Sizing a production line</b>  José Valente  Inoprod France
16:00	<b>Summary and Q&amp;A</b>		
16:30	<b>End</b>		

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