**Plant Simulation 2015 Worldwide User Conference**  
Stuttgart, Germany – June 16-17

### Agenda – Tuesday, June 16

**Room: Stuttgart**

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<tr>
<td>8:30 a.m.</td>
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| 9:30 a.m.| **Welcome to the Plant Simulation 2015 Worldwide User Conference**  
Matthias Heinicke, Siemens PLM Software, Germany |
| 9:45 a.m.| **Pushing the limits of lean thinking by simulation and data analytics**  
Univ.-Prof. Dr.-Ing. Jochen Deuse, Director of the Institute for Production Systems,  
Technical University of Dortmund, Germany |
| 10:15 a.m.| **Plant simulation – the new version**  
Dr. Georg Piepenbrock, Siemens PLM Software, Germany |
| 11:15 a.m.| Coffee break                                                                                     |
| 11:45 a.m.| **Homag presenting wood working machines in stereo 3D using a general building block library**  
Michael Kratzert, Homag GmbH, Germany |
| 12:30 p.m.| Lunch                                                                                             |

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| 14 p.m.  | **MRO labor and scheduling planning to reduce total on-ground time of planes**  
Carlos Ortega, Interlatin, Mexico |
| 14:30 p.m.| **Plant simulation as decision support instrument at Volvo Cars**  
Simon Lidberg, Volvo Car Corporation |

### Room: Karlsruhe

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| 14 p.m.  | Logistics challenges in the offshore wind industry – maritime supply chain risks  
Dr. Kerstin Lange, Institute of Shipping Economics and Logistics, Germany |
| 14:30 p.m.| Accumulating conveyors for factories without forklifts  
Kai Moenkediek, TUENKERS Maschinenbau GmbH, Germany |
# Plant Simulation 2015 Worldwide User Conference

## Agenda – Tuesday, June 16 (continued)

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<th>Room: Karlsruhe</th>
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| 15:00 p.m. | Digital hospital planning – smooth operation through simulation  
Gime Batija, UNITY AG, Germany | Robot visualization in Plant Simulation 3D  
Stephan Römberg, Comau Deutschland GmbH |
| 15:30 p.m. | Coffee break                                        |                                                      |
| 16:00 p.m. | Simulation-based configuration of multi-deep storage systems  
Lars-Boris Boettcher, SSI Schäfer Noell GmbH  | Strategic steam turbine production optimization  
Tanja Opp, Siemens AG, Germany |
| 16:30 p.m. | DataZoom – from business analytics to simulation analytics  
Dr. Thomas Strigl, EDAG Production Solutions GmbH & Co. KG  | Material flow simulation and virtual commissioning in the tire industry  
Peter Haan, Siemens AG, Germany |
| 17:00 p.m. | Data based model generation for a large gas turbine production  
Pavel Gocev, Siemens AG  | Flexible simulation modeling in the automotive industry  
András Pfeiffer, Fraunhofer Project Center, Hungary |
| 17:30 p.m. | Dinner                                               |                                                      |
| 19:30 p.m. | Evening event: Trio Mayence – Elegant dinner jazz     |                                                      |
| 20:00 p.m. | End                                                  |                                                      |

## Agenda – Wednesday, June 17

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| 9:00 a.m.  | Industry 4.0                                         | Toolkit for highly complex assembly and logistics processes  
Dirk Steinhauer, Flensburger Shipyard, Germany |                                                      |
|            | Ulrich Rossgoderer, Siemens PLM Software             |                                                      |                                                      |
| 10:00 a.m. | Pointclouds in plant simulation  
Matthias Heinicke, Siemens PLM Software, Germany | PLC test and optimization in plant simulation  
Dr. Georg Piepenbrock, Siemens PLM Software | Requirements for highly complex assembly and logistics processes  
Dirk Steinhauer, Flensburger Shipyard, Germany |
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| 10:30 a.m. | **Teamcenter logistics:**  
Combining Teamcenter with plant simulation  
Samuel Schäfer |                                                |                                                |
| 11:00 a.m. | Coffee break                                   |                                                |                                                |
| 11:30 a.m. | **3D in plant simulation**                     | **Fast, easy 3D warehouse optimization**       | **Toolkit for highly complex assembly and logistics processes**       
Peter Komarek, Siemens PLM Software  
Auke Nieuwenhuis, cards PLM Solutions, Netherlands  
Dirk Steinhauer, Flensburger Shipyard, Germany |                                                |                                                |
| 12:30 p.m. | Lunch                                         |                                                |                                                |
| 14 p.m.    | Intermediate production storage dimensioning using occupancy-dependent key performance indicators  
Dr. Peter-Michael Schmidt, Siemens PLM Software | **Virtual commissioning using Tecnomatix Plant Simulation**  
Guido Gross, Siemens PLM Software | **Simulation on shipyards and Simulation of complex assemblies**  
Dirk Steinhauer, Flensburger Shipyard, Germany |
| 14:30 p.m. | **Value stream mapping**                       | **Visual programming**                         |                                                |
Ralph Bauknecht, Siemens PLM Software | Zsolt Molnar, graphIT Ltd.  
Hungary |                                                |                                                |
| 15 p.m.    | **Energy simulation of compressed air systems using Tecnomatix Plant Simulation**  
Daniel Wolff, Inpro GmbH; Joachim Nagel, Volkswagen AG, Germany | **Worker movement analysis tool in plant simulation**  
Dr. Jósvai János, Associate Professor, Head of Department of Automobile Production Technology, Széchenyi István University, Hungary | **3D, virtual reality, augmented reality, pointclouds in plant simulation**  
Matthias Heinicke, Siemens PLM Software, Germany |
| 16 p.m.    | **Summary, questions and answers**             |                                                |                                                |
Dr. Ulrich Rossgoderer, Dr. Georg Piepenbrock, Ralf Tobel, Ran Livnat, Matthias Heinicke, Siemens PLM Software |                                                |                                                |
| 16:30 p.m. | End                                            |                                                |                                                |