

2024 Plant Simulation user conference agenda June 6th 2024 Infinity hotel Munich			
8:00 AM	Registration opens		
9:00 AM	What's new in Plant Simulation Dr. Georg Piepenbrock Plant Simulation product manager Siemens Digital Industries Software		
10:30 AM	Coffee break (30 minutes)		
11:00 AM	Plant Simulation Python interface introduction Siemens Digital Industries Software	Sustainable production at B/S/H/ Home Appliances enameling line: CO2 reduction through Easy Plan, Teamcenter, Process Simulate and Plant Simulation with a Study Manager. B/S/H/ Home Appliances Mert Gök	Unlocking efficiency: Insights into the simulation of battery cell production at the Fraunhofer IGCV Fraunhofer IGCV Anja Munzke
11:20 AM	Igor Kunjavskij	Efficient plant logistics: Analyzing logistic routes with heat maps for optimal efficiency and strategic improvements Volvo do Brasil Jéssica Cette Gomes	Enhancing battery production: Integrating layout planning into material flow simulation EBZ Ravensburg GmbH Louisa Christin
11:40 AM	Line Designer with focus on the benefits for existing Plant Simulation users Siemens Digital Industries Software Dr. Ulrich Rossgoderer	Simulation through play the LEGO Group Jesper Rost Villumsen	Creation of an operational Digital Twin for the battery production lines at Northvolt Northvolt Systems AB Ömer Faruk Senocak
12:00 PM	Lunch		
1:30 PM	Plant Simulation - Teamcenter Integration using the TeamcenterWizard Siemens Digital Industries Software Ralph Bauknecht	Generic simulation environment for quick estimation of goods-to-person system performance SSI Schäfer Automation GmbH Dr. Bastian Schumacher Georg Rief	Unlocking operational excellence: Integrating Plant Simulation in the era of smart factories Alhona Adrián Garcia
1:50 PM	Building on success: Electrolux group enhances library ecosystem, driving efficiency and innovation Electrolux Group Arjun Ginoya	Planning and simulation of ports and terminals using Digital Triplets HPC Hamburg Port Consulting GmbH Carsten Eckert	Optimizing automotive manufacturing: Simulation modeling, virtual reality integration, and the impact on efficiency MASMEC S.p.A. Antonio Marinaro
2:10 PM	User-friendly modeling and simulation of manual production lines Robert Bosch GmbH Tobias Lechler Melanie Wolf	Optimization of solar panel manufacturing lines M10 Solar Equipment GmbH Dr.-Ing. Nils Klasen	An efficient simulation-based multi-criteria optimization approach for rolling production smoothing of an European food manufacturer (simulation and optimization details) Fraunhofer Austria Research GmbH Dr.-techn. Felix Kamhuber
2:30 PM	Coffee break 1 (30 minutes)		
3:00 PM	With "Optimize My Plant", Michelin extends the usage of the Digital Twin to non-expert positions in factories Michelin Thierry Chenevier Aude Nursimilo	Optimizing energy efficiency in sand-lime brick plants: Insights from simulation and steam transfer strategies with Plant Simulation TH Ingolstadt Tobias Schrage	Simulating a realistic system of supplying a robot station with freely moving AGVs SDZ GmbH Jiří Hloska
3:20 PM	A comparative analysis of manual vs. automated intralogistics and ASRS integration through Plant Simulation in the medical device industry SHL Medical Lu Yi-Chi Luigi Fumagalli	Optimizing energy efficiency in multi-depth high-bay warehouses: A Plant Simulation approach for diverse storage strategies Miebach Consulting GmbH Markus Nadj Fritz Anneser	Photovoltaic production simulation utilizing Plant Simulation coupled with MES integration, boosts customer acquisition and satisfaction Siemens Jupp Lenartz, Magdi El-Awdan Lutz Iltsche Achim Tampe, znt Zentren für Neue Technologien GmbH
3:40 PM	Decarbonization strategies in construction process management with the integration and benefits of Plant Simulation Technische Universität München Isabella Deininger	Improving energy efficiency in a steel coil warehouse by utilizing empirical data from a crane to support tactical and operative decisions using Plant Simulation Technische Universität Braunschweig Patrick Detjeherdes	Simulating an 8-axis log handler in a sawmill with the Plant Simulation MultiPortalCrane library Simplan AG Alexander Dilg
4:00 PM	Coffee break 2 (30 minutes)		
4:30 PM	Simulation-based Digital Twins of transportation and warehouse systems Technologiezentrum Produktions- und Logistiksysteme Hochschule Landshut Prof. Dr. Sebastian Meissner Prof. Stefan Galka	Simulation-based planning and design of industrial AC/DC power grids utilizing Plant Simulation for optimizing future factories Friedrich-Alexander-Universität Erlangen-Nürnberg Martin Barth	Advanced approach to the creation of a logistics simulation model Asseco CEIT, a. s. Dr. Silvia Furtáková Ivan Antonik Milan Marčan
4:50 PM	Virtual commissioning of automatic picking cells for large automotive parts with AutoLog and Plant Simulation Fraunhofer IWU Chemnitz Marc Münnich	Optimizing flexible manufacturing systems: Harnessing the power of decision tables in Plant Simulation for enhanced decision logic and planning efficiency Audi Hungaria Zrt. Marc Philip Hermans graphIT Kft. Zsolt Molnár	AI and Digital Twin technology are transforming manufacturing by providing real-time guidance to workers through smartwatches Digateh d.o.o., Slovenia Dr. Hugo Zupan
5:10 PM	Q&A Dr. Ulrich Rossgoderer Dr. Georg Piepenbrock Ralf Tobel		
6:00 PM	Matthias Heinicke		