SIEMENS

DIGITAL INDUSTRIES SOFTWARE

Plant Simulation user day

May 30, 2022, Estrel hotel, Berlin

Welcome to the Plant Simulation user conference. A place where Tecnomatix Plant Simulation users come together, share experiences, and improve knowledge and innovation using Siemens solutions.

Plant Simulation User Day – Agenda

Time		
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	**Presenting Plant Simulation data with Jupyter notebooks** Marc Philip Hermans; Audi Hungaria Zrt. Zsolt Molnar; graphIT Ltd	**Using Digital Twins to increase sustainability of a container terminal by optimizing AGVs battery storage utilization** Carsten Eckert Subject matter expert HPC Hamburg Port Consulting GmbH
11:30 AM	**Integrated Digital Twin approach for Virtual Commissioning of process & product** Vito Lazazzera Digital Team Officer MASMEC S.p.A., Italy	**STS Library for simulation of complex production and logistics** Dirk Steinhauer Branch Manager SimPlan AG
12:00 PM	**Data Farming using Plant Simulation and SimAssist** Prof. Dr. Steffen Straßburger Head of Department Technische Universität Ilmenau	**Virtual Reality visualization of complex digital twins in Plant Simulation by utilizing more3d** Eduard Kinas; Managing Director Stefan J. Koch; Technical Director more3D
12:30 PM	**Lunch** 12:30-1:30	
1:30 PM	**Plant Simulation: Fully automated simulation model application at THK** Daniel Abdelsamed DX (Data Transformation) Engineer THK Manufacturing of America, Inc.	**Digital Twin of an experimental smart manufacturing assembly system for the Industry 4.0 concept** Prof. Dr. Jan Pitel Dr. Jozef Husar Technical University of Kosice
2:00 PM	**How Plant Simulation drives digital transformation and optimization at THK Manufacturing of America** Daniel Abdelsamed DX (Data Transformation) Engineer THK Manufacturing of America, Inc.	**Mendix, Optimize my plant! The power of the Digital... in the hands of factory operations!** Pascal Dubuis; Président Inoprod Guillaume Cordonatto; Olivier Schmidt; Siemens
2:30 PM	**Battery Manufacturing Library based on the Research Production Battery Cell Muenster** Anja Munzke Battery manufacturing and Plant Simulation Expert Fraunhofer Institute for Casting, Composite and Processing Technology	**Plant Simulation in internal warehousing & logistics projects** Nick Peeters Sebastiaan Tuinstra Cards PLM Solutions
3:00 PM	**Coffee break** (30 minutes)	
3:30 PM	**Benefits and potentials of point clouds in Plant Simulation** Natalja Rube / Fraunhofer FFB Alexander Dilg / SimPlan AG	**Accelerating model development, robustness, and accuracy through custom libraries: Lessons learned at Electrolux** Arjun Ginoya Plant Simulation Expert Electrolux Rothenburg GmbH
4:00 PM	**A Digital Twin to control a forwarding system using Plant Simulation** Alexander Theling Dr. Jens Zimmermann Miebach Consulting GmbH	**Utilizing Pointclouds in Plant Simulation and IntoSite** Magnus Rönnäng FARO Technologies, Inc
4:30 PM	**Digital model of a chocolate plant: From Virtual Commissioning to the Digital Twin** Dr. Lucía Royo Pascual, Innovation Manager Sergio Escriche, Automation Engineer Electroingenium, Spain	
5:00 PM to 5:30 PM	**Q&A** Dr. Ulrich Rossgoderer Dr. Georg Piepenbrock Ralf Tobel Matthias Heinicke	
6:00 PM to 9:00 PM	**Dinner at La Terrasse, Estrel Hotel**	