

October 2013 - ASIM Conference 2013 - Simulation in Production and Logistics

As every two years the Association for Simulation (ASIM) started again at the beginning of October 2013 the largest European conference on simulation in production and logistics. This year, the 15th ASIM Conference has taken place at the Heinz Nixdorf Institute of the University of Paderborn – it was a well-balanced, three-day conference between research, development and industrial use of such technologies. Participants without simulation experience gained new insights into the possibilities and constraints of simulation; experienced simulation users found a forum for knowledge exchange. Pathfinder, as a passive participant, took also the advantage of this opportunity to grab within the expert panel of approx. 100 participants interested industrial contacts.



*The 15th Annual Association for Simulation (ASIM) Conference
- Paderborn, Germany*

All guests attended an interesting course of lectures effecting actual topics in the field of simulation; next to scientific innovations as well the successful application in every day's business. While simulation is firmly established as a tool for planning in many companies, it can also provide important impulses for a continuously improvement during ramp-up and operation. Many new application areas and research topics presented themselves, from issues such as persistent modeling to the technical integration as a decision support tool.

The ASIM conference also underlined the further need of simulation and forecasting technologies. On the first day, one important issue was for example the digital factory and the impact for the suppliers and the potentials for other smaller enterprises in future one-of-a-kind production next to the supply chain management. Additional reasons for the need of simulation are also given as a result of increasing challenges from the need for flexibility and innovation in products and processes. Furthermore, the impacts from decisions, made during the life cycle of complex projects, are additionally hardly to estimate in the earlier phases. Simulation and forecasting technologies may help to take a decision in such flexible manufacturing systems. Finally, various talks dealt also with the integration aspects of simulation referring to equipment, organization and particularly to personnel in production and logistics systems.

It was an interesting, instructive, informative and profusely exhilarating event for Pathfinder. Exchanging views with and amongst all simulation experts was an essential part of the conference itself.

Acknowledgements:

This project is co-funded by the European Commission as part of the European Economic Recovery Plan (EERP) adopted in 2008. The EERP proposes the launch of Public-Private Partnerships (PPP) in three sectors, one of them being Factories of the Future (FoF). Factories of the Future is a EUR 1.2 billion program in which the European Commission and industry are collaborating in research to support the development and innovation of new enabling technologies for the EU manufacturing sector.

For further information please visit:

http://ec.europa.eu/research/industrial_technologies/factories-of-the-future_en.html

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