



Industry 4.0: BEYOND automation TOWARDS digitization

one SAP partner, one worldwide leading provider of industrial solutions and one technology leader in paper engineering – three exciting perception of the highly topical subject industry 4.0 offers the fourth session of the PTS Paper & Board Symposiums on 6-7 September 2016 in Munich.

The beginning of the session will be done by Peter Flieher from SAP partner T.CON with **requirements for Industry 4.0 processes in the manufacturing of paper and board**. His lecture will drill down to the “how-to” of joining production and machine data by using shop floor interfaces based on existing tools and standards. With examples from the comparable and related businesses of paper production, the main requirements, strategies, and architectures for sustainable business processes in pulp and paper manufacturing are explained.

Following Dr. Hermann Schwarz, Siemens, illuminates how **smart solutions as integral parts of process control systems enable significantly higher efficiency in the process industry**. Based on the status quo the lecture presents the new concepts with references, describes the implementation, underlying technology as well as selected applications. It informs about the benefits of the new process control system. Finally it gives a brief overview of further developments for Industry 4.0 in the pulp & paper industry.

Dr. Christian Naydowski, Voith Paper, concludes this session with his lecture **Using the Internet of Things to optimise papermaking processes**. He centers new answers to old but ever actual questions of our sector: What makes you reach the highest overall equipment efficiency? Which raw materials recipes reduce operating costs significantly without negative productivity change? How big is the human factor regarding web breaks and operators management? Which minimum primary energy use is unavoidable for a specific grade? Is a fixed maintenance interval the ultima ratio?

Have we aroused your curiosity? Then make your registration – we are looking forward to exchange experiences with you!

Best regards
PTS Academy