


Hour		Title	Presenter	Title	Presenter
		<b>Networked Control &amp; Automation 4.0</b>			
		<i>A conference day organized by INCASE</i>			
8h00		Registration, coffee, discussions & demo on the stands		Market Place	
9h00		The INCASE project & Practical aspects of the day	Jos Knockaert, Philippe Saey	Room: Groot Auditorium	
		<b>Plenary session</b>		<b>Room: Groot Auditorium</b>	
9h15	9h45	PROFINET state of play and outlook	Peter Wenzel, PI International		
9h45	10h30	"Digital Transformation of the Industry: R&D Challenges, Opportunities and Solutions"	Marc Wouters & Stephan van Beek, Mathworks Benelux		
		<b>Track 1 (Room: Groot Auditorium)</b>		<b>Track 2 (Room: E033)</b>	
		<b>"Industrial Data Communication"</b>		<b>"Integrated Design"</b>	
		<i>(working titles)</i>			
10h30	11h05	ATLAS: a novel tool for PROFINET diagnostics and maintenance	speaker from Procentec (support by Bintz)	Digital Twin technology - Siemens NX	Bart Demaegdt, Siemens
11h05	11h40	"PROFIenergy: working principle and use case"	Philippe Saey, KU Leuven	"Model-Based Design for a Motor Controller for Xilinx Zynq SoC"	Marc Wouters, Mathworks Benelux
11h40	12h15	How to inspect quality of PROFINET communication, and provide information for maintenance purposes	speaker from Indu-sol / Hans Korpel	"Optimization of a high-dynamic application with co-simulations using Matlab and Siemens NX"	Foeke Vanbecelaere, UGent
12h15	13h45	<b>Lunch and market place</b>			
13h45	14h20	"Integrated security for industrial networks"	Bart Boumans, Siemens	MQTT & OPC UA: connection to the cloud	speaker from Softing
14h20	14h55	TH Link suite for planning of and permanent diagnostics for industrial networks	Bart Pape & Dolf Vaneendenburg, Systeme Helmholtz	"ProfiCloud: working principle and use case"	Frederic Depuydt / Philippe Saey, KU Leuven
14h55	15h30	Redundancy protocols for industrial data communication	Frederic Depuydt, KU Leuven	Industrial Data Analytics for optimizing processes and predictive maintenance	Peter Seeberg, Softing
15h30	16h00	<b>Coffee and market place</b>			
16h00	16h35	Safety via wireless PROFINET: application on gantry cranes	speaker from Phoenix Contact Belgium	"FPGA based error generator for PROFIBUS DP"	Jean-Marc Capron, Yncréa-ISEN
16h35	17h10	"IO-Link's role in Industry 4.0"	speaker from Balluff	Topic to be confirmed	
17h10		<b>Networking drink</b>			