

# Converging Industrial Networks for Industry 4.0

16/06/2022 - Gent @ RodeBol Events

A conference day organized by  
CINI4.0



Hour	Title	Presenter	Title	Presenter
8h30	9h30	Registration, coffee, discussions & demo on the stands		Market Place

## Plenary session

9h30	9h45	The CINI4.0 project		Philippe Saey - Jos Knockaert	ENG
9h45	10h00	Overview of the day		Philippe Saey - Jos Knockaert	ENG

Track 1	Track 2
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"Industrial Data Communication - New Developments"	"Industrial Data Communication - Current practices"
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Session chair:

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10h00	10h35	Single Pair Ethernet	Philippe Saey, KU Leuven - CINI4.0	E	IO-Link: technical background and future developments	Elmar Büchler (TBC) - Alain Wayenberg (Agoria)	E, OL
10h35	11h10	Time-Sensitive Networking (TSN) - PROFINET over TSN	Gunnar Lessmann (TBC), Phoenix Contact Germany	E, OL	Industrial network security by network segmentation	Bart Boumans, Siemens	E
11h10	11h45	TSN performance assessment in brownfield PROFINET implementations	Arne Verhoeven, KU Leuven - CINI4.0	E	Manage and Monitor industrial networks efficiently	Johan Van den Eede, Siemens	E
11h45	13h15	<b>Lunch and market place</b>					
13h15	13h50	Packet analysis in converged IT and OT networks	Remco de Rooij, Allegro Packets	E	Why we need OT-OT and OT-IT network convergence and how do we reach it? (Part 1)	René Heidl, Indu-Sol Germany	E
13h50	14h25	PLCnext: an open source IIoT ready PLC	Hugo Van Rillaer, Phoenix Contact Belgium	?	Why we need OT-OT and OT-IT network convergence and how do we reach it? (Part 2)	René Heidl, Indu-Sol Germany	E
14h25	15h00	APL - Advanced Physical Layer: SPE for the process industry	Benedikt Spielman (TBC), Endress+Hauser	E, OL	EMC - Introduction and industrial use cases	Jos Knockaert, UGent - CINI4.0	E
15h00	15h45	<b>Coffee and market place</b>					
15h45	16h20	Zero Trust private access for enabling highly secure access to industrial automation environments	Johan Van den Eede, Siemens	E	The Ethernet physical layer revisited	Mathieu Troch, KU Leuven - CINI4.0	E
16h20	16h55	Secure Industrial communication over TSN to protect your devices against hackers and cyberthreats	Kurt van Buul, HMS - Bintz	E, OL	Assuring Cabling Infrastructure Readiness - Advanced cable testing for standard and Single Pair Ethernet	Steven J. Cowles, AEM - USA	E, OL
17h00	<b>Networking drink</b>						

Subscription by email to [philippe.saey@kuleuven.be](mailto:philippe.saey@kuleuven.be) . Mention your name, company, contact details.

Information on the conference or project: [philippe.saey@kuleuven.be](mailto:philippe.saey@kuleuven.be) or [jos.knockaert@ugent.be](mailto:jos.knockaert@ugent.be)

Location:

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E: English - OL: OnLine