

## THE DIGITAL ECONOMY IN AUTOMOTIVE UPCOMING TECHNOLOGIES AT THE BACKGROUND OF GLOBAL TRENDS

International online event

8.12.2022

On behalf of Silesia Automotive & Advanced Manufacturing, the European Automotive Cluster Network, Business Finland, Flanders Investment & Trade and Agoria's Automotive Technology Club we cordially invite you to participate in the online event focusing on important issues impacting the automotive sector:

- *Is artificial intelligence finally braking through in automotive production processes?*
- *What does artificial intelligence imply for the decentralisation of decision-making processes?*
- *How digital technologies can contribute to fulfilling government and client's sustainability requirements?*

09.30: Welcome – Luk Palmen, Innovation & Cooperation Manager, SA&AM

09.40: **Is artificial intelligence finally braking through in automotive production processes?**

*Situational awareness on the roadmap to Industry 4.0 – Lukas Ptoszek, Unikie*

*AI-based Quality Assurance for Automotive Product Manufacturing – Kai Lehtinen, Top Data Science*

*AI for implementation of quality control processes and optimizing manufacturing costs – Łukasz Hoppe, COIG*

*How to improve OEE by finding the microstops in (semi-)automated assembly lines using AI – Jan Verhasselt, Yazzoom*

10.25: Q&A

10.40: **How digital technologies can contribute to fulfilling sustainability requirements?**

*Next generation material flow and inventory for production plants – Teemu Oittinen, Konecranes Agilon*

*Simulation as a tool for sustainability in manufacturing processes – Haider Al Kaleedy, Visual Components*

*Achieving manufacturing sustainability with Energy Intelligence Solutions – Dariusz Wojciechowski, Rockwell Automation*

*How to use AI to reduce media consumption and change the behavioral profile of the user – Artur Pollak, APA*

11.30: Q&A

12.00: End of the meeting

This online event is a prelude for the face-2-face event planned for 2023 in Silesia and shall cover practical cases based on the experiences of renown technology suppliers. The meeting is addressed to automotive OEM's, parts and system suppliers as well as to Industry 4.0 technology suppliers looking for international partnerships. Being part of the European Automotive Cluster Network, we welcome representatives of EACN in this meeting, as well as members of their respective clusters.

Send your application for participation (name, e-mail, company) to [lpalmen@silesia-automotive.pl](mailto:lpalmen@silesia-automotive.pl) by **30.11.2022**. Participants shall receive a follow-up e-mail with a link to the online event.

On behalf of the organisation committee, I remain,

Yours sincerely

Luk Palmen, Innovation & Cooperation Manager SA&AM