



**Boosting the role of HEIs in the industrial transformation towards the Industry 4.0 paradigm
in Georgia and Ukraine
609939-EPP-1-2019-1-BE-EPPKA2-CBHE-JP**

- Event:** Webinar
- Topic:** Current and future networks for Industry 4.0 – Diagnostics in modern industrial networks
- Organizer:** KU Leuven
- Lecturers:** Arne Verhoeven, Dimitri De Schuyter, Mathieu Troch, Philippe Saey
- Date and time:** 26/05/2021 from 10:00 to 11:00 CET
- Connection:** Skype for Business – Link sent via Outlook
- Moderator:** Philippe Saey

Abstract of the webinar

Terminology such as “Internet of Things” (IoT) and “Industrial Internet of Things” (IIoT) is often linked with “Industry 4.0” and industrial automation. Industrial networks are already since years important key technologies in industry.

Industry 4.0 faces the convergence of “information technology” (IT) and “operational technology” (OT, “industrial automation”). This reflects in the industrial network technology for I4.0: both advanced diagnostics and new network technologies have been and will be introduced.

This webinar presents a short overview of soon to be introduced new network technologies such as Single Pair Ethernet (SPE), Time Sensitive Networking (TSN) and PROFINET – OPC UA integration. A number of diagnostic technologies for industrial networks are discussed and illustrated.