

PROGRAMME

Flanders Make seminar: *Decision & Control*

Thursday 9 May 2019
BluePoint Antwerpen, Filip Williotstraat 9, 2600 Berchem

12u30 **Lunch**

13u30 **Robust adaptive control**
ir. Laurens Van Eykeren, Dana

Iterative learning control can compensate for ageing effects and keeps the system performance high. Find out how to make learning control simple and safe.

14u05 **How will AI change the world of control**
dr. ir. Kurt De Grave, Senior Research Engineer, Flanders Make

The latest trends in AI research and how physical systems will learn in the future

14u40 **Explainable AI for trusted decisions and actions of physical systems**
Prof. dr. ir. Guillaume Crevecoeur, Flanders Make/UGent

How is Flanders Make making use of AI methods to improve our understanding of the physical systems

15u15 **Coffee break**

15u45 **UWB localization in real environments**
dr. ir. Jan Anthonis, Octinion

UWB is a promising technology for localization in GPS denied areas but is it robust enough? Find out more about its capabilities and limitations in the real world

16u20 **Digital twins for performance**
Prof. dr. ir. Wim Desmet, Flanders Make/KU Leuven

How can cars become safer without adding more sensors and how can we go from virtual sensors to digital twins.

16u55 **Digital twin for quality**
dr. ir. Abdellatif Bey-Temsamani, Project Leader, Flander Make

A first step towards a digital passport for additive manufacturing products

17u30 **Networking drink**