



Centre of Expertise High Tech Systems & Materials

The CoE HTSM aims to be Brainport Eindhoven Region's centre for applied research and training at the intersection of high-tech industry and knowledge institutions. It will contribute substantially to both improve the quality, and increase the quantity of outflow of university schooled technicians. Furthermore, the CoE HTSM aims to tackle the key innovation issues for SMEs (suppliers and OEMs) through applied research.

Interested in cooperative research projects in the following areas:

Additive Manufacturing (3D Printing)

The centre focuses on research and education in the field of production technology. In the new Objexlab – equipped with a variety of (metal) 3D printers – there are plenty of possibilities to research what new production technology, such as additive manufacturing, could mean for your organization.

Adaptive Robotics

In the Mechatronic & Adaptive Robotics Centre students, lecturers and professors work together to improve the knowledge base, as well as to disseminate the existing knowledge from research and education to SMEs on the major research theme of Human Aware Robust Robotics Interacting Effectively.

Agriculture and Food

Get more out of your agro business by technical automation. The GreenTechLab team consists of engineers with a background in mechatronics, mechanical engineering, process engineering and industrial product design. The multidisciplinary team focuses on important questions in the field of agro mechatronics, e.g. how can adopting sensors and intelligent handling help companies earn more profit?

Fontys University of Applied Sciences

Brainport Eindhoven Region
The Netherlands

Main research areas include:

- Additive Manufacturing
- Adaptive Robotics
- Agriculture and Food

Existing partnerships (among others):

- Brainport Industries
- High Tech NL
- FME



Fontys

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