



Student training for Ukrainian students

From Monday February 7th to Friday February 18th 2022, 13 participants from

- Kryvyi Rih National University,
- Kharkiv National Automobile and Highway University,
- Chernihiv Polytechnic National University,

participated at the student training at the premises of the KU Leuven Bruges Campus (Belgium).



Global approach of the student training

During ten days, a broad range of scientific and technical topics have been considered. These topics include

- the use of biodiesel,
- wind energy,
- environmentally friendly polymers,
- system identification, machine learning, safety critical systems,
- artificial intelligence,
- recycling building materials,
- rehabilitation sciences,
- geotechnics: a natural protection of the coast line,
- Electro Magnetic Compatibility and Electro Magnetic Interference,
- lighting technology,

- Bluetooth Low Energy.



This broad range of topics reveals the fact that engineers need a broad background i.e. they do not only have their own specialization. Very often, a theoretical session has been combined with a laboratory session to make the link between theory and practice. Additionally, special attention went to the use of academic literature, referencing and avoiding plagiarism.



Collaboration with the industry

Since the vast majority of the participating students are interested in an industry oriented career, an engineer working at the industry presented his company and explained the importance of Systems Engineering when dealing with Cyber-Physical Systems in an industrial context.

History, culture and language



A touristic tour in the old city center of Bruges emphasized that history and culture are also important for engineering students. When realizing international collaboration, it is very important to appreciate each others history and culture. At the end of the student training, the students made their own powerpoint presentation. These presentations were an English language exercise and the students expressed their experiences during the student training.

