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**Project 609557-EPP-1-2019-1-LV-EPPKA2-CBHE-JP**

**"Development of practically-oriented student-centred education in the field  
of modelling of Cyber-Physical Systems"**

## **Training School for tutors Agenda (draft) v.04**

### **Day 1: THURSDAY, SEPTEMBER 9, 2021**

9:00 am to 9:45 am	Opening the training School (KU Leuven, Joan Peuteman) <ul style="list-style-type: none"><li>• scope of the school</li><li>• format Q&amp;A</li><li>• introduction from the Lecturers and the Attendees</li><li>• Q&amp;A</li></ul>
9:45 am to 10:00 am	Coffee break
10:00 am to 11:30 pm	KU Leuven (Joan Peuteman) <b>Innovative teaching using a digital learning environment</b> <ul style="list-style-type: none"><li>• dealing with diversity among students</li><li>• the use of digital teaching and learning</li><li>• digital learning environments like Blackboard and Moodle</li><li>• demonstrations of Blackboard and Moodle</li><li>• Q&amp;A</li></ul>
11:30 am to 0:30 pm	Lunch break
0:30 pm to 2:00 pm	KU Leuven (Ann Nestor) <b>Integrating students in the didactical process: what and how?</b> <ul style="list-style-type: none"><li>• Peer Assisted Learning (research results + best practices)</li><li>• student assistants</li><li>• PhD-students as teaching assistants</li><li>• Assignment for the participants to prepare the "workshop and discussion"</li></ul>
2:00 pm to 2:30 pm	Coffee break
	KU Leuven (Sofie Craps) <b>Preparing students for the labour market</b>

2:30 pm to 4:00 pm	<ul style="list-style-type: none"> <li>Professional Roles for Future EngineerRs: a broad range of professional roles</li> <li>The PREFER project: <a href="https://iiw.kuleuven.be/English/prefer">https://iiw.kuleuven.be/English/prefer</a>: demonstration of a good practice</li> <li>How do students find out which professional role is appropriate for them?</li> <li>Assignment for the participants to prepare the “workshop and discussion”</li> </ul>
4:00 pm to 4:30 pm	Coffee break
4:30 pm to 5:00 pm	<p>KU Leuven (Eef Soete)</p> <p><b>Academic literature</b></p> <ul style="list-style-type: none"> <li>Searching strategies and the use of databases</li> <li>The use of references and avoiding plagiarism</li> </ul>
5:00 pm to 5:15 pm	<b>Questions and answers</b>

## Day 2: Friday, SEPTEMBER 10, 2021

9:00 am to 10:00 am	<p>KU Leuven (Ann Nestor + Wim Van Petegem)</p> <p><b>Innovative teaching in a multi-campus context</b></p> <ul style="list-style-type: none"> <li>Faculty of Engineering Technology: teaching in a multi-campus context</li> <li>Multi campus educational modules: a win-win situation for students and industry</li> <li>Sharing laboratory infrastructure</li> <li>Sharing bytes of educational experience: IT lunchboxes</li> </ul>
10:00 am to 10:30 am	<p>KU Leuven (Ine Windey + Marieke Pieters)</p> <p><b>Teaching in a multi-campus context: technological solutions</b></p> <ul style="list-style-type: none"> <li>Demonstration of best practice: the TECOL project</li> </ul>
10:30 am to 11:00 am	Coffee break
11:00 am to 0:30 pm	<p>KU Leuven (Wouter Van der Hoeven + Wim Van Petegem)</p> <p><b>Distance learning: innovative interuniversity collaboration</b></p> <ul style="list-style-type: none"> <li>Digital competences/scholarship for distance teachers (and learners)</li> <li>Distance and blended learning: online tools</li> </ul>

	<ul style="list-style-type: none"> <li>• Overview of digital tools: satisfaction among students and teaching staff</li> <li>• Applicable in the COVID-19 situation</li> <li>• Assignment for the participants to prepare the “workshop and discussion”</li> </ul>
0:30 pm to 1:30 pm	Lunch break
1:30 pm to 2:15 pm	<p>KU Leuven (Davy Pissoort)</p> <p><b>Technical Innovations: Electromagnetic Compatibility</b></p> <ul style="list-style-type: none"> <li>• Safety assurance of AI and Machine Learning based mechatronic systems</li> <li>• EMC and EMI for Cyber-Physical Systems</li> </ul>
2:15 pm to 3:00 pm	<p>KU Leuven (Renaat De Craemer, Klaas De Craemer)</p> <p><b>Technical innovations: development of an electric car</b></p> <ul style="list-style-type: none"> <li>• Development of an electric car by a private person</li> <li>• Drivetrain of an electric car: performing EMC measurements</li> </ul>
3:00 pm to 3:30 pm	Coffee break, free time <del>and preparation workshop and discussion</del>
3:30 pm to 5:00 pm	<p>KU Leuven (Wouter Van der Hoeven, Ann Nestor, Sofie Craps, Wim Van Petegem, Joan Peuteman)</p> <p><b>Workshop and discussion: discussion among Belarusian and Ukrainian partners: three breakout groups (world café: the entire group will be split up in three subgroups, by starting with three subgroups each topic is always discussed by one of the subgroups, participants i.e. each subgroup alternatively discusses another topics based on the information written down by the previous subgroup discussing that topic, at the very end the results are joined by everyone)</b></p>
5:00 pm to 5:15 pm	<ul style="list-style-type: none"> <li>• Integrating students in the didactical process: what and how?</li> <li>• Preparing students for the labour market</li> <li>• Distance learning: interuniversity collaboration</li> </ul>
	<b>Hope you enjoyed the training school. Goodbye!</b>