



Contribution ID: 142

Type: **Poster**

Building an Autonomous Car: A STEM Teaching/Learning Sequence by Project-Based Learning for the training of future secondary school teachers

Wednesday, July 5, 2023 4:00 PM (20 minutes)

In recent years, the use of STEM educational methodology in the classroom has been increasingly promoted, but due to the heterogeneity of approaches and the lack of knowledge on the part of teachers, it is necessary to accompany this process through the design and implementation of research-based STEM projects. This study presents the design of a STEM project for secondary school that integrates the disciplines of physics and robotics with a PBL approach and its implementation and evaluation with future secondary school trainee teachers.

How would you like to present your contribution?

Live in Košice (time slot to be allotted based on the programme)

Target education level (primary)

Pre-service teacher education

Target education level (secondary, optional)

Higher-secondary education

Primary author: PORTILLO-BLANCO, Ane (UPV/EHU (Applied Physics Department))

Co-authors: GUIASOLA, Jenaro (School of Dual Engineering. Institute of Machine Tool (IMH)); ZUZA, Kristina (UPV/EHU (Applied Physics Department))

Presenter: PORTILLO-BLANCO, Ane (UPV/EHU (Applied Physics Department))

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