



GIREP-EPEC
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GIREP-EPEC conference 2023
Physics learning promoting culture
and addressing societal issues

Contribution ID: 160

Type: **Poster**

Digital Enhancement of Courses in Physical Engineering

Thursday 6 July 2023 16:40 (20 minutes)

The aim of our activity is to enhance courses of Physical Engineering at FEI STU with digital educational materials and problems that require numerical solution and/or processing of results using smartphones, tablets and/or laptop computers. This will engage students' creative approach to learning using practically oriented problems. The outcome of our activity consists of educational electronic materials, tutorials for usage of open source programs and libraries, templates for input files for these programs and spreadsheet programs relevant for the designed problems. All educational materials are freely available at a dedicated web page.

How would you like to present your contribution?

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

Target education level (primary)

University education

Target education level (secondary, optional)

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Session Classification: Poster session 2