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Physics learning promoting culture
and addressing societal issues

Contribution ID: 40

Type: **Poster**

Case Studies for Small-Group Student Collaboration in Large-Enrolment Introductory Physics Classes

Thursday 6 July 2023 16:00 (20 minutes)

Multiple choice questions are a common teaching and evaluation tool in large-enrolment introductory physics classes across North-American universities. Unfortunately, they do not provide students with the opportunity to formulate their own ideas. Case studies developed for this project allow the students to collaborate on more open-ended scenarios that cover the most fundamental concepts of a first-year physics curriculum. Examples of the case studies activities will be demonstrated. The effect of the case studies intervention on students' conceptual learning and effectiveness evaluation methodology will be discussed.

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)

University education

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