



GIREP-EPEC
3-7 July 2023
Košice, Slovakia

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

Contribution ID: 25

Type: **Workshop**

Creating a Student-Centered Collaborative Learning Environment in a University Physics Classroom

Monday 3 July 2023 13:40 (1h 30m)

An active-learning workshop is offered to provide an example of a collaborative group-learning pedagogical environment for introductory physics at the university level. Participants will engage in various hands-on and minds-on exercises to illustrate how such a dynamic classroom can transform the strategy for teaching physics in university classes. A discussion about the benefits and challenges of this innovative approach will help guide the participants in adopting this teaching methodology in their own physics classes. We are working to establish a network of pedagogical innovators among the participants so that this type of approach can be more widely disseminated.

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)

Authors: FELDMAN, Gerald; SCHILTZ, Guillaume

Presenters: FELDMAN, Gerald; SCHILTZ, Guillaume

Session Classification: Workshop Innovative strategies at university

Track Classification: Innovative strategies and pathways to improve physics education at university