



Contribution ID: 77

Type: **Workshop**

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

*Friday 30 August 2024 09:30 (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 Kraków (time slot to be allotted based on the programme)

### Target education level

University

### Category

Formal Education

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**Session Classification:** Workshop

**Track Classification:** Competence-based physics education