



GIREP-EPEC
3-7 July 2023
Košice, Slovakia

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

Contribution ID: 36

Type: **Workshop**

Physics Card Games: Learning or Fun? Pedagogical Considerations and Teachers' Attitudes

Wednesday 5 July 2023 16:40 (1h 30m)

In this interactive workshop, participants will experience physics card games ("Phys-Cards") designed as a summative activity to help students organize what they have learned and make connections between externally different scenarios and underlying physics principles. The Phys-Card games have been implemented in a national network of Professional Learning Communities (PLCs) for high school physics teachers (~300 teachers). The design principles, pedagogical rationale, benefits, and potential challenges will be discussed. We will share results from two years of experience with Phys-Card games in the PLCs and in teachers' classrooms, as well as insights into teachers' attitudes toward gamification in physics instruction.

How would you like to present your contribution?

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

Target education level (primary)

In-service teacher education

Target education level (secondary, optional)

Higher-secondary education

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Session Classification: Workshop Physics teacher education

Track Classification: Physics teacher education and professional learning communities