



Contribution ID: 46

Type: **Workshop**

Physics Cards Games - What's New? From "Newton's Laws" to the challenges identified in a large-scale implementation

Thursday 29 August 2024 11:30 (1h 30m)

This workshop will consist of: a) a hands-on experience with the Newton's Laws game, following the Phys-Cards design principles: a summative activity to help students organize what they have learned and connect externally different scenarios with the underlying physics principles (similar to the "Circular Motion" game presented at GIREP 2023); b) a "bird's eye" view: results covering three years' experience with four Phys-Cards games implemented in a national network of Professional Learning Communities (PLCs) for high school physics teachers (~300 teachers). We will discuss the teachers' perspectives on the benefits and challenges involved in classrooms implementation.

How would you like to present your contribution?

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

Target education level

Secondary

Category

Formal Education

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Session Classification: Workshop

Track Classification: Physics Teacher Education and Professional Learning