



GIREP-EPEC
3-7 July 2023
Košice, Slovakia

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

Contribution ID: 212

Type: **Oral presentation**

PHYSICS KALEIDOSCOPE - From Simple Tools to Inspirative Physics Education

Wednesday 5 July 2023 14:25 (20 minutes)

It is a challenge to engage and develop the talents of lower secondary school students who have minimal knowledge of physics but are interested in why and how the world around them works. By making physical toys and conducting simple experiments with readily available materials, students are introduced to selected physical phenomena through play. In the physics club, we discuss physical principle and look for answers to curious questions. A great advantage for the pupils is that they can present their own toys and explain their physical nature to their parents and siblings. Every year, new exhibits are added to the physics club gallery, which motivates the followers.

How would you like to present your contribution?

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

Target education level (primary)

Lower-secondary education

Target education level (secondary, optional)

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Session Classification: Teachers' best practices