

Session Program

Jul 3 - 7, 2023



GIREP-EPEC
3-7 July 2023
Košice, Slovakia

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

GIREP-EPEC 2023 Conference, Košice, Slovakia

Poster session 1

Faculty of Science, UPJS, Košice, Slovakia
Šrobárova 2, Košice, Slovakia

Wed, July 5

3:40 PM

Poster session 1: LAB, DIG, INT, INF

Session | Location: Socrates, Poster 1

3:40 – 4:00 PM

Study of the free damped oscillations of an elastic rubber band by using a smartphone

Speaker

Prof. Claudio Fazio

3:40 – 4:00 PM

Learning physics with i-learning materials of the Erasmus project ARphymedes Plus

Speaker

Jerneja Pavlin

3:40 – 4:00 PM

Some experiments to teach the physical bases of the greenhouse effect: thermal emission and selective absorption

Speaker

Stefano Toffaletti

3:40 – 4:00 PM

The use of a spreadsheet in the experimental activities at secondary school

Speaker

Mrs Miriam Spodniakova Pfefferova

3:40 – 4:00 PM

Teaching physics using artificial intelligence

Speaker

Péter Kosztyó

3:40 – 4:00 PM

Development of experimental sets in optics for inquiry-based laboratory

Speakers

Ms Lydia Ceháková, Mr Tomáš Kopřiva

4:00 – 4:20 PM

Periodic Motion in a little different way or supporting teachers' experimental activities using non-traditional digital technologies.

Speaker

Martin Hruška

4:00 – 4:20 PM

Building an Autonomous Car: A STEM Teaching/Learning Sequence by Project-Based Learning for the training of future secondary school teachers

Speaker

Ane Portillo-Blanco

4:00 – 4:20 PM

STEAM-Active TLS design protocol

Speaker

Kristina Zuza

4:00 - 4:20 PM

Fidget spinner - a simple experiment and Java applet**Speaker**

Arpad Bordas

4:00 - 4:20 PM

Waves in a digital infinite mirror**Speaker**

Balla Norbert Csaba

4:00 - 4:20 PM

Hanging the planets in the Sun**Speaker**

Stefano Sandrelli

4:20 - 4:40 PM

Optics Experiments as a Teaching Resource for the Development of Scientific Thinking in Elementary School Students**Speaker**

Claudia Carolina García Gaitán

4:20 - 4:40 PM

Non-Formal Physics Educational Activities Impact on Secondary School Students**Speaker**

Ivan Tronov

4:20 - 4:40 PM

Teaching and learning physics through augmented reality: Erasmus+ KA201 Project ARphymedes**Speaker**

Sasa Zihel

4:20 - 4:40 PM

The IPPOG Resource Database: Making particle physics outreach & education available worldwide**Speaker**

Barbora Bruant Gulejova

4:20 - 4:40 PM

Physics game as a stimulus for experimental activity**Speaker**

Tatiana Sukeřová

4:20 - 4:40 PM

The Virtual School project: learning to teach Physics through a virtual community of practice**Speaker**

Marta Carli

4:40 PM