



GIREP-EPEC
3-7 July 2023
Košice, Slovakia

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

Contribution ID: 29

Type: **Poster**

Development of experimental sets in optics for inquiry-based laboratory

Wednesday, July 5, 2023 3:40 PM (20 minutes)

Our aim is to showcase the creation of inquiry-based experiment units used in laboratory environment. These units are focused on qualitative and quantitative optics experiments for upper secondary students. Worksheets guiding the students through each unit were created and tested several times to ensure quality using students' feedback. This contribution presents these worksheets for experimental sets in Interactive Physics Laboratory operated by the Faculty of Mathematics and Physics, Charles University as well as review of worksheets based on students' feedback.

How would you like to present your contribution?

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

Target education level (primary)

Upper-secondary education

Target education level (secondary, optional)

Primary authors: Ms CEHÁKOVÁ, Lydia (Charles University); Mr KOPŘIVA, Tomáš (Charles University)

Presenters: Ms CEHÁKOVÁ, Lydia (Charles University); Mr KOPŘIVA, Tomáš (Charles University)

Session Classification: Poster session 1