



**GIREP-EPEC**  
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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 5 July 2023 15:40 (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)**

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**Session Classification:** Poster session 1