



GIREP-EPEC
3–7 July 2023
Košice, Slovakia

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

Contribution ID: 2

Type: **Workshop**

Introduction to Active Learning in Optics and Photonics (ALOP)

Thursday 6 July 2023 13:40 (1h 30m)

Active Learning in Optics and Photonics (ALOP) is a program to improve the secondary and university learning environment. A full 5-day intensive, hands-on-minds-on ALOP workshop updates participants on introductory optics and photonics and introduces them to strategies that have been demonstrated to be more effective than traditional instruction. These are characterized by use of predictions, discussions, and inexpensive equipment. This is a very short introduction to the ALOP strategies, with sample activities from some of the five ALOP modules. Participants will receive an electronic version of the ALOP Manual including all activities. More information on ALOP is at: <https://pages.uoregon.edu/sokoloff/ALOPwebpage.html>

How would you like to present your contribution?

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

Target education level (primary)

University education

Target education level (secondary, optional)

Higher-secondary education

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Session Classification: Workshop Innovative strategies at university

Track Classification: Lab work and experiments in physics education