



Contribution ID: 199

Type: **Oral presentation**

## The Kaleidoscope : a case of the reflection of light

*Tuesday 4 July 2023 14:40 (20 minutes)*

One of the basic concepts to understand several topics of optics is the reflexion of light. The design of experiment related to reflection of light contribute to understand the physics in a specific case the study and construction of a kaleidoscope is a funny, interesting and easy activity for the students in basic levels or high school. In this contribution we can understand the process of the construction and the analysis of the variety of patterns that will produces with every movement of the kaleidoscope. This experiment is one of a serie of experiment related with the topic.

### How would you like to present your contribution?

Hybrid from my own country (later in the conference day, best for Americas ...)

### Target education level (primary)

Upper-secondary education

### Target education level (secondary, optional)

Higher-secondary education

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**Session Classification:** Hybrid session - later

**Track Classification:** Innovative strategies and pathways to improve physics education at school