



Contribution ID: 189

Type: **Oral presentation**

Promoting inquiry skills in lower secondary level. Physics from the suitcase

Wednesday 5 July 2023 17:40 (20 minutes)

As a school-university collaboration, the Eszterhazy University Eger in Hungary has launched the Physics from the suitcase project in 2019, i.e. it established a lending library of classroom-sized experimental kits. Pre-service teachers designed inquiry-based activity sheets for the optics and the electricity kits, covering 12-14 weeks of teaching. The two, one-semester-long modules have been implemented among 7th and 8th graders in two controlled pilot experiments that demonstrated significant enhancement of the students' content knowledge, progressively improving inquiry skills, and a more positive study attitude in the members of the experimental group.

How would you like to present your contribution?

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

Target education level (primary)

Lower-secondary education

Target education level (secondary, optional)

Primary school education

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Session Classification: Innovative strategies at school

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