



Contribution ID: 11

Type: **Oral presentation**

## Measurement uncertainties: when to introduce the topic in secondary education?

Wednesday 5 July 2023 13:40 (20 minutes)

Despite its relevance in secondary science education, measurement uncertainty is a topic that is largely neglected in classroom practice and for which hardly any suitable (evaluated) teaching material exists. Consequently, it is a topic that many students have conceptual difficulties with. To investigate how this topic can be introduced, we developed a digital learning environment and report on its evaluation with 154 students from grade levels 8 to 11.

### 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)

Lower-secondary education

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**Session Classification:** Innovative strategies at school

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