



Contribution ID: 121

Type: **Oral presentations**

## Design and trialling of an educational sequence on surface phenomena for university students

*Tuesday 27 August 2024 15:30 (20 minutes)*

In this work we present the design and trialling of a teaching-learning sequence (TLS) for university students on surface phenomena. The TLS is aimed at favouring in the student a gradual process of active construction of knowledge. The theoretical framework chosen for the TLS combines concepts from psychology, physics education research, and epistemology. Students use inquiry-based methodologies to identify hypotheses, practice the use of critical thinking, and consider alternative explanations for the interpretation of proposed physical situations. The aim is to combine the scientific and students' perspectives to maximize learning.

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

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

### Target education level

University

### Category

Formal Education

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