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# Qualitative analysis of students'learning processes emerging from the trialling of a physics teaching/learning sequence

*Thursday 29 August 2024 11:10 (20 minutes)*

In this paper, we present some general aspects of two teaching-learning sequences (TLSs) that target high school students'learning in the field of surface phenomena. After introducing TLSs'theoretical framework and pedagogical approaches, we provide a research-based conceptual scheme of what we mean by "improvement of students'learning". Then, we discuss the implementation of a thematic-like analysis of qualitative data collected during the TLSs'trialling, and, after analyzing some specific aspects of learning as they emerge from qualitative data, we report some results and discuss how to study the advancement of student learning, based on the conceptual scheme provided.

## How would you like to present your contribution?

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

## Target education level

Secondary

## Category

Formal Education

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