



Contribution ID: 108

Type: **Poster**

## The use of a spreadsheet in the experimental activities at secondary school

*Wednesday, July 5, 2023 3:40 PM (20 minutes)*

The spreadsheet is widely used in practice, not excluding the teaching of physics. One of the possibilities is to use it in the experimental activity of pupils. The aim of the paper is to show how to use quantitative simulated experiments created in a spreadsheet during the teaching of periodic motion at secondary school. Quantitative simulations make it possible to explore periodic phenomena from a different perspective and to analyze events with changed input conditions through graphs.

### 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)

University education

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**Session Classification:** Poster session 1