



Contribution ID: 166

Type: **Poster**

## Physical pendulum experiment and HTML5 simulation

*Wednesday 28 August 2024 12:10 (10 minutes)*

Physical pendulums are commonly used to study the dynamics of rotating systems. The aim of our study is to describe a simple physical pendulum experiment and provide an HTML5 simulation designed for investigating the experiment. In the experiment, we utilize a system consisting of a steel rod and a movable solid sphere as the pendulum. Both the experiment and simulation are intended for high school and undergraduate students.

### 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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**Session Classification:** Poster session

**Track Classification:** Experiments and Practical Work in Physics Education