



Contribution ID: 181

Type: **Oral presentations**

## The digital repository for physics and science teaching

*Tuesday 27 August 2024 16:30 (20 minutes)*

The digital repository of 96 experiments for physics and science teaching was created with the intention of organizing e-content realized at the Faculty of Physics (University of Rijeka, Republic of Croatia) during the pandemic period as part of two courses for primary education and physics teacher studies. The content enables the application of innovative teaching methods in a virtual environment (e.g. the station rotation model - the inclusion of all students in the rotation of online and classroom activities and the flipped classroom model). The repository is aimed at pupils, students and physics teachers in primary, secondary and higher education.

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

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

### Target education level

General

### Category

Formal Education

**Author:** POLJANČIĆ BELJAN, Ivana (University of Rijeka, Faculty of Physics)

**Co-authors:** Ms LONČARIĆ, Klaudija (University of Rijeka, Faculty of Physics, Croatia); Ms SUTLOVIĆ, Laura ((2) Elementary school Juraj Klović, Tribalj; Elementary school Ivan Goran Kovačić, Čepić; Elementary school Fran Krsto Frankopan, Krk, Croatia); Prof. ERCEG, Nataša (University of Rijeka, Faculty of Physics); Prof. JUR-DANA-ŠEPIĆ, Rajka (University of Rijeka, Faculty of Physics, Croatia); Mr LABINAC, Velimir (University of Rijeka, Faculty of Physics, Croatia)

**Presenter:** POLJANČIĆ BELJAN, Ivana (University of Rijeka, Faculty of Physics)

**Session Classification:** Oral presentations

**Track Classification:** Remote Physics Teaching and Learning