



Contribution ID: 140

Type: **Workshop**

## Methods for addressing strengths and weaknesses of the rubber sheet analogy

*Thursday 29 August 2024 11:30 (1h 30m)*

Designing instruction to make students aware of the rubber sheet analogy's strengths and weaknesses is crucial for fostering discussions about general relativity, gravity, and our solar system, as well as using models to visualise conceptually abstract ideas. This workshop aims to address essential approaches that aid in understanding the rubber sheet analogy's strengths and weaknesses, as identified (1,2). We will introduce hands-on activities utilising the rubber sheet analogy, involving participants in practical learning methods and showcasing assessment strategies.

### 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

**Author:** BOUBLIL, Shachar (University of Western of Australia)

**Co-author:** Prof. BLAIR, David (University of Western of Australia)

**Presenter:** BOUBLIL, Shachar (University of Western of Australia)

**Session Classification:** Workshop

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