



Contribution ID: 163

Type: **Poster**

Probing students' estimates of astronomical sizes and distances

Wednesday 28 August 2024 12:00 (10 minutes)

Despite intensive educational efforts, it is generally known that many students still hold numerous astronomical misconceptions by the time they leave secondary school. While the identification of these misconceptions has been widely studied, much less research is devoted to retracing their origin. This work is motivated by the notion that many misconceptions may stem from erroneous estimates of astronomical sizes and distances. As this research is still in its early stages, several types of questions are explored for the assessment of students' estimates during two rounds of pilot interviews. The findings of these pilot studies are discussed here.

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

Informal Education

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