



Contribution ID: 73

Type: **Oral presentation**

Measuring the average speed of a comet

Tuesday, July 4, 2023 11:20 AM (20 minutes)

The purpose of this activity is the measurement of the average speed of the comet C/2019 Y4 in the course of the observations of 2 April, made through SVAS. We provide 12 centered and aligned images of the same celestial field: the comet is visible in the foreground. The average speed will be measured in relation to a reference system attached to the observation point. In the course of the activity, we will also detect the trajectory of the comet in the interval of observation. Eventually, we will discuss limitations and approximations of the measurement made.

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)

Higher-secondary education

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Session Classification: Lab work and experiments

Track Classification: Lab work and experiments in physics education