

## Two experiments to support learning of surface phenomena

*Tuesday 5 July 2022 13:30 (20 minutes)*

We present two different experiments aimed at supporting the understanding of surface phenomena. Set-ups are a low budget. Materials and experimental apparatuses are available even in ordinary school didactic laboratories. In the first experiment, we use, as experimental apparatus, a simplified custom-built version of the well-known Du Noüy ring. It allows us to measure the surface tension of several common liquids, like water, oil, alcohol, etc. In the second experiment, we use two glass plates to build a sort of variable-section capillary to estimate the interfacial tension at the water-glass interface.

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

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

### Target education level (primary)

Upper-secondary education

### Target education level (secondary, optional)

University education

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