



Contribution ID: 252

Type: **Workshop**

Pixel detector based particle camera as a motivation tool for practical physics education demonstrating properties of radiation and elementary particles in a comprehensible way

Wednesday 28 August 2024 11:30 (1h 30m)

Practically oriented teaching represents inestimable means in motivation of students to boost their interest in understanding. Especially when focusing on technically oriented subjects. The educational kit SESTRÁ (School Educational Set with Timepix for Radiation Analysis) has been developed at IEAP CTU in Prague with intention to allow simple access of students to microcosmos experiments practicable in regular classes. The kit includes the particle camera supplemented with a wide set of accessories and detailed guidelines. The proposed workshop aims to provide live demonstrations in order to reveal the full potential of the kit via exemplary hands-on exercises guided by skilled lecturers.

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

Non-formal Education

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Session Classification: Workshop

Track Classification: Experiments and Practical Work in Physics Education