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The Cosmic Wheel

Wednesday 17 August 2016 09:00 (30 minutes)

Demonstration of the usage of the cosmic wheel as a particle physics detector. It is a system of 3 plastic scintillator detectors, readout with PMTs interfaced to a LabView data acquisition system. Demonstration of single rates and coincidence rate countings, counting cosmic rates as a function of the detector plan angle with respect to the vertical, possibility to do the muon lifetime experiment.

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