Contribution ID: 41 Type: not specified

Selected properties of plastic scintillators for muon detection

Tuesday, January 16, 2024 11:00 AM (20 minutes)

We present application of plastic scintillating detectors with SiPM and coincidence readout electronics for muon detection. Selected properties are shown, measurements are compared with expectations. Despite the low energy resolution of this type of sensor, muon peak is observed in energy spectrums. Testing measurements were performed in the laboratory and underground.

Presenter: BROULIM, Jan (Czech Technical University)

Session Classification: Interplay of the diverse cosmic rays detectors and standardisation of sharing and processing data