

Study of the scintillation detector prototype for the upgraded polarimeter at the Internal Target Station at the Nuclotron

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The paper presents the performance studies of the scintillation detector prototype with SiPM readout using different types of the front-end electronics (FEE).

The timing and amplitude resolutions with LED have been obtained. These results can be applied for the proton and deuteron beams polarimetry at the Internal Target Station at Nuclotron.

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