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Electromagnetic calorimeter prototype in the SPD experiment

Friday, 23 October 2020 17:00 (20 minutes)

The energetic and time response of electromagnetic calorimeter prototypes and the features of technological solutions used in the development of the investigated calorimetric modules are presented. The energy and time resolution of the prototype was measured in cosmic rays. The dependence of the calorimeter response on temperature and the possibility of signal stabilization due to thermal compensation of the operating voltage of the photodiodes are shown.

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