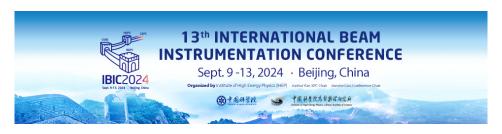
IBIC2024 - 13th International Beam Instrumentation Conference



Contribution ID: 119 Contribution code: WEP54

Type: Poster Presentation

Application of open source hardware in the beam loss monitor system

Wednesday, 11 September 2024 14:20 (1h 30m)

The Beam Loss Monitoring system (BLM) for the HEPS booster ring consists of 27 plastic scintillators and 4 optical fibers. An open source hardware is used in the data acquisition of the Scintillator BLM system, to monitor the beam loss during the injection and energy ramping process. Design details and application is described in this paper and the commissioning results of is also present.

Footnotes

Funding Agency

I have read and accept the Privacy Policy Statement

Yes

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Presenter: ZHAO, Ying (Institute of High Energy Physics)Session Classification: WEP: Wednesday Poster Session

Track Classification: MC7: Data Acquisition and Processing Platforms