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Application of Fiber Beam Loss Monitoring System (FBLM) and Scintillator Beam Loss Monitoring System (SBLM) on HEPS

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The High Energy Photon Source (HEPS) is a fourth-generation light source with a beam energy of 6 GeV currently under development by the Institute of High Energy Physics. The Beam Loss Monitor (BLM) system is designed for monitoring beam losses during machine commissioning. Two types of beam loss monitors have been installed in both the booster and storage ring. This paper introduces the principles and composition of these two BLMs, as well as their application in beam commissioning.

Footnotes

Funding Agency

I have read and accept the Privacy Policy Statement

Yes

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