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Advances in X-ray Optics Technology of HEPS

Thursday 29 August 2024 17:30 (15 minutes)

High Energy Photon Source (HEPS), the fourth-generation synchrotron radiation facility under construction in Beijing, is designed to operate at an electron energy of 6 GeV with an emittance lower than 60 pm·rad. The high-quality X-ray near diffraction limit presents unprecedented challenges for optical technology. This presentation will provide a comprehensive overview of the current state of research and development in X-ray optical technology at HEPS, including areas such as optical metrology, fabrication, and manipulation.

I plan to submit also conference proceedings

No

Primary author: LI, Ming**Presenter:** LI, Ming**Session Classification:** Mikrosymposium 1/4: Beamline Optics and Diagnostics**Track Classification:** 1. Beamline Optics and Diagnostics