Contribution ID: **239** Contribution code: **TUCC3** Type: **Contributed Oral Presentation**

Photon Beam Position Monitor for PLS-II Beamline

Tuesday 10 September 2024 14:20 (20 minutes)

Photon Beam Position Monitor (PBPM) is an effective monitor for the synchrotron radiation position in a beamline of PLS-II and has been used for the insertion device beamline as well as the bending beamline. In this study, we report the operational status of PBPMs for PLS-II. The PBPM feedback system combined with the orbital feedback system maintains the same position of synchrotron radiation in the beamline. In addition, the scanning results of the blade current show that the orbital distortion can be monitored inside the insertion device. This means that the fine alignment of the electron orbit is possible with this result.

Footnotes

Funding Agency

I have read and accept the Privacy Policy Statement

Yes

Primary author: SONG, Donghyun (Pohang Accelerator Laboratory)

Co-author: KIM, Changbum (Pohang Accelerator Laboratory)

Presenter: SONG, Donghyun (Pohang Accelerator Laboratory)

Session Classification: TUC: Beam Position Monitor

Track Classification: MC3: Beam Position Monitors