



Contribution ID: 1645 Contribution code: MOPB057

Type: **Poster Presentation**

Canting schemes design for Korea-4GSR storage ring

Monday 2 June 2025 16:00 (2 hours)

In Korea-4GSR, a beamline utilizing a canted ID is planned to be built. The impact of the electron beam resulting from the canting structure were investigated, and design modifications were implemented to minimize these effects. Simulation results show that the impact on the beam is negligible.

Footnotes

Paper preparation format

Region represented

Asia

Funding Agency

Author: JANG, Gyeongsu (Pohang University of Science and Technology)

Co-authors: Dr KIM, Jaehyun (Pohang Accelerator Laboratory); LEE, Jaeyu (Pohang Accelerator Laboratory); SEOK, Jimin (Pohang Accelerator Laboratory); KIM, Junha (Pohang Accelerator Laboratory); HA, Taekyun (Pohang Accelerator Laboratory)

Presenter: JANG, Gyeongsu (Pohang University of Science and Technology)

Session Classification: Monday Poster Session

Track Classification: MC2: Photon Sources and Electron Accelerators: MC2.A24 Accelerators and Storage Rings, Other