

eeFACT 2025 - 70th ICFA Advanced Beam Dynamics Workshop on High Luminosity Circular e⁺e⁻ Colliders



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Type: **Invited Oral Presentation**

Beam-Beam & instabilities at SuperKEKB

There are several issues to limit the luminosity performance of SuperKEKB. We discuss mechanism of Sudden Beam Loss (SBL), -1 head-tail mode instability related to bunch-by-bunch feed back system, and coherent and incoherent beam-beam phenomena.

Footnotes

Funding Agency

I have read and accept the Privacy Policy Statement

Yes

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