

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



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The FCC-ee polarimeter

In order to perform the precise energy calibration for the Z and WW modes of the FCC-ee machine, the use of Resonant Depolarization (RDP) method on a set of non-colliding polarized bunches is foreseen. To track the polarization state of these bunches while scanning the depolarization excitation frequency a Compton Polarimeter will be deployed on both colliding beams.

The most recent advances on the Compton Polarimeter design for FCC-ee energy calibration will be presented to the community at the eeFACT conference.

Footnotes

Funding Agency

I have read and accept the Privacy Policy Statement

Yes

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