

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



Contribution ID: 111

Type: **Invited Oral Presentation**

EW and QCD physics at e⁺e⁻ colliders

Tuesday 4 March 2025 10:50 (30 minutes)

The talk will review prospects of precision EW and QCD studies at e^+e^- collider experiments at the Z-pole and beyond including FCC-ee, CEPC, ILC and CLIC.

Focus will be made on observables used for the electro-weak fits and basic QCD studies such as strong coupling constant, event shapes and jets. A short introduction on theoretical aspects will be given, together with the experimental methods to extract the measurements, discussing the main systematics.

Footnotes

Funding Agency

I have read and accept the Privacy Policy Statement

Yes

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