

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



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Type: **Invited Oral Presentation**

Low mass new particle searches at e+e- collider experiments

Tuesday 4 March 2025 11:50 (30 minutes)

Experiments at e+e- colliders have historically been succesful in the discovery of new particles. During the last 20-30 years many flavor factories operated at energies from 1 GeV to slightly above 10 GeV. This range is particularly suited to search for the existence of a light dark sector. I will present results from recent searches, especially from the Belle II experiment, for dark photons, Z'bosons, axion like particles, dark scalars and more. Prospects for future searches will also be presented.

Footnotes

Funding Agency

I have read and accept the Privacy Policy Statement

Yes

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