

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



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Overview of positron sources and development for ILC

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Intense positron source is a one of the key component for the next electro positron collider. Recently, several groups actively discuss and develop such positron sources for FCC, CEPC and ILC. On the other hand, basic design of positron source have not changed for more than 30 years since the one developed for the SLC. In addition, only a few positron sources are in operation now. In this talk, summary and overview of past, present and future positron sources will be presented and the latest progress about development of future positron source, especially for the ILC, will be shown.

Footnotes

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Yes

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