

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



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ILC RF system challenges and status of high-gradient SC cavities

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The International Linear Collider (ILC) is a future electron-positron collider based on superconducting radio frequency (SRF) technology, planned to be situated in Japan. In this contribution an introduction to the ILC is given, followed by a report on the status of the ILC Technology Network (ITN). Furthermore, an overview of the current cryomodule development at KEK as well as of the international efforts towards high-gradient SRF cavities is presented.

Footnotes

Funding Agency

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Yes

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