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Compton Ring/ERL Polarized Positron Source for ILC/CLIC

Friday, 12 September 2008 09:00 (45 minutes)

Summary

A concept of the laser-Compton polarized positron source for ILC/CLIC is presented. In the concept, the super cavity to stack laser pulse is employed to achieve high efficiency. For the electron beam, usage of an electron storage ring or an ERL is considered.

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