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Update for undulator-based positron sources for ILC and HALHF

Wednesday, 10 July 2024 17:00 (20 minutes)

The undulator-based positron source is baseline design for the ILC. Recent progress in particular on the undulator mask designs, optic matching devices (R&D for prototypes for pulsed solenoid, plasma lens) and on the target design (rotating wheel, material tests) are discussed. The adaption of an undulator-based positron source for the HALHF design as an upgrade option for the ILC is included as well.

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