

Polarimetry for Future Linear Colliders

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Compton polarimetry is an essential method to obtain sub - 1% accuracy in measuring the polarization of the colliding beams. It is also necessary to investigate the beam depolarization effects. With evolving technology and the availability of new detector concepts, several options for polarimeters are possible. Here we explore novel detector options for Compton polarimetry that are suitable both conceptually and technologically for the next generation linear colliders.

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