

Realistic Reconstruction of top Quark Pairs for the ILC

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Reconstruction and analysis of simulated top quark pair events for the future 500 GeV electron positron linear collider ILC are discussed. A detailed GEANT-based simulation of the ILC detector concept LDC is used. The reconstruction is performed with realistic tracking, vertex reconstruction, particle flow and jet finding algorithms. Reconstructed properties of the top quark are compared with performance expectations for the ILC.

Talk, Poster, or Talk & Poster

Talk

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