

8th Beam Telescopes and Test Beams Workshop



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A Practical Introduction to Particle Tracking

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KF, CKF, GBL, MillePede, and it goes on Do you feel a bit lost in all the acronyms? Not sure what it all means? Fear not, this handy introduction will safely guide you through the world of particle tracking.

Tracking detectors are at the core of most particle physics experiments. Consequently, efficient and precise particle tracking becomes an important step during reconstruction. Excellent tracking capabilities are often crucial both for physics analysis, e.g. at the LHC, and for testbeam measurements. This talk will review some of the basic algorithms for particle tracking and related issues.

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