

11th Beam Telescopes and Test Beams Workshop



Contribution ID: 60

Type: **Lecture**

Tracking in particle detectors

Thursday 20 April 2023 09:00 (45 minutes)

The reconstruction of charged particle trajectories (often referred to as “tracking”) is a critical aspect in many physics experiments and test beds. In this lecture, the key underlying concepts of tracking will be introduced, as well as common algorithmic approaches to the task, the considerations for detector design when optimising tracking performance, and dealing with experimental challenges such as detector misalignments.

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Session Classification: Overview Lectures