

Table of Contents

TrackAnalysisRequirements.....	1
--------------------------------	---

TrackAnalysisRequirements

Must be able to determine the ImpactParameter and the ImpactParameterSignificance of a TrackTrajectory with respect to a given SpacePoint.

In order to be able to assess systematic errors introduced by the TrackAlignment, the TrackMaterialModel, one must be able to refit selected subsets of tracks during a physics analysis, without having to rerun the reconstruction. As one of the advantages of LHCb over its competition is the better proper time resolution, and this resolution is required for the core physics program of the experiment, this is a crucial requirement.

-- GerhardRaven - 03 Apr 2005

This topic: LHCb > TrackAnalysisRequirements

Topic revision: r3 - 2005-04-21 - GerhardRaven



Copyright &© 2008-2020 by the contributing authors. All material on this collaboration platform is the property of the contributing authors.

or Ideas, requests, problems regarding TWiki? use [Discourse](#) or [Send feedback](#)