## Vancouver Linear Collider Workshop/GDE Meeting



Contribution ID: 40 Type: not specified

## Track fitting, resolution limits and detector optimisation

Wednesday, 19 July 2006 13:55 (15 minutes)

I am going to compare different track fitting algorithms and investigate factors limiting resolution of different track parameters in different areas of phase space (low Pt - high Pt, central-forward). Currently I have only 2 track fitting algorithms available in org.lcsim - simple circle fitter and weight matrix based (SLD-like) algorithm. I hope that Kalman filter based algorithm may be available before Vancouver and I will be able to make comparison with it also.

Presenter: SINEV, Nick

Session Classification: Detector/ Tracking