

Session Program

3-5 Feb 2010



WIT2010 Workshop on Intelligent Trackers

High speed communication

Lawrence Berkeley National Lab, Perseverance Hall
1 Cyclotron Road Berkeley CA, USA

Friday 5 February

08:30

High speed communication

Session | **Location:** Lawrence Berkeley National Lab, 50 Auditorium, 1 Cyclotron Road Berkeley CA, USA

08:30-08:55

Architecture of a Level 1 Track Trigger for the CMS Experiment

Speakers

Prof. Ulrich Heintz, Ulrich Heintz

09:00-09:25

FF-LYNX: protocol and interfaces for the control and readout of future silicon detectors

Speaker

Guido Magazzu

09:30-09:55

Wireless data transfer at 60 GHz

Speaker

Dr Richard Brenner

10:00-10:30

coffee

10:30-10:50

New Optical Technology for Low Mass Intelligent Trigger and Readout

Speaker

David Underwood

10:55-11:15

Ultra low power consumption 10.7 Gb/s transmission over 2 km single mode fiber optics link

Speaker

Dr Davide Janner

11:15-11:45

Discussion

11:45