

Session Program

Oct 28 - 30, 2009

CMS Upgrade Workshop
Tracker Phase 1 Upgrades

FNAL

Wed, October 28

10:00 AM

Tracker Phase 1 Upgrades

Session | Location: FNAL

10:00 - 10:05 AM Introduction

Speaker

Simon Kwan

10:05 - 10:15 AM Beam pipe diameter for future pixel systems

Speaker

Dr Roland Horisberger

10:15 - 10:35 AM Radiation hardness of present pixel modules

Speaker

Tilman Rohe

10:35 - 10:55 AM Modifications for an improved pixel ROC with digital readout

Speaker

Dr Hans-Christian Kaestli

10:55 - 11:15 AM

Mechanics & Supplytube for a CO2 cooled 4 layer barrel pixel system

Speaker

Silvan Bjoern Streuli

11:15 - 11:35 AM Status of CO2 Cooling

Speaker

Hans Postema

11:35 - 11:55 AM DC-DC Conversion for the Pixel System at Phase-1

Speaker

Ruediger Jussen

11:55 AM - 12:15 PM PIRE R&D activities for Phase 1 Pixel Upgrade

Speaker

Aaron Dominguez

12:15 - 12:25 PM Results from the micro-twisted pair links

Speaker

sandra oliveros

12:25 - 1:30 PM lunch break

1:30 - 1:50 PM Blade & Half Disk Design for FPIX

Speaker

CM Lei

1:50 - 2:05 PM

Design of a prototype CO2 cooling system at Fermilab

Speaker

Richard Schmitt

2:05 - 2:20 PM

Readout Architecture for FPIX

Speaker

Mr Sergey Los

2:20 - 2:35 PM

Phase 1 Optohybrid Plan

Speaker

Dr Jan Troska

2:35 - 2:50 PM

FPIX pixel module assembly

Speaker

Mr Kirk Arndt

2:50 - 3:05 PM

Power Distribution Studies of Fermilab/Iowa/UMiss

Speaker

Lalith Perera

3:05 - 3:25 PM

Phase 1 data rates for FPIX

Speaker

Karl Ecklund

3:25 - 3:45 PM

Simulation studies for Phase 1 Pixel upgrade

Speaker

Pratima Jindal

4:00 PM