

Next steps in the Energy Frontier - Hadron Colliders, Workshop at LPC@FNAL

Wednesday, August 27, 2014

Detector/Instrumentation challenges - WH Ramsey Auditorium (2:00 PM - 6:00 PM)

-Conveners: Joseph Incandela; Marcello Mannelli

time	[id] title	presenter
2:00 P	[M0] Introduction and Status of detector technologies for 100 TeV hadron collider	Dr MANNELLI, Marcello
2:30 P	[M1] Silicon based technologies for vertex and tracking detectors in high radiation environments	Dr LIPTON, Ronald
3:00 P	[M2] Calorimetry (EM, Hadronic and Forward) at 100 TeV: Noble liquid based detectors	MA, Hong
3:30 P	[M3] Silicon based Calorimetry	Prof. INCANDELA, Joseph
4:00 PM	Coffee	
4:20 P	[M4] Calorimetry using Micro Pattern Gas Detectors (GEM, Micromegas, RPC, etc.)	Dr REPOND, Jose
4:50 P	[M5] Photo detection based Calorimetry	Dr RAMBERG, Erik
5:10 P	[M6] Muon detection at higher energies	TAYLOR, Frank
5:40 P	[M9] Discussion: First steps towards a roadmap	