

Community Planning Meeting (CPM2012)

Friday, October 12, 2012

Energy Frontier - Auditorium (9:30 AM - 4:00 PM)

-Conveners: Michael Peskin; Raymond Brock

time	[id] title	presenter
9:30 AM	[16] Landscape of Future Colliders (joint HEF/Capabilities)	
	- [1] Hadron Colliders	Dr PREBYS, Eric
	- [2] Lepton Colliders	PALMER, Mark
	- [3] Accelerators beyond the above	BARLETTA, William
	- [4] Simulation for Hadron and Lepton Colliders	TORRENCE, Eric
10:45 AM	[17] Higgs & Electroweak Physics Topics	
	- [1] Higgs Physics at Hadron Colliders	TULLY, Chris
	- [2] Higgs Physics at Lepton Colliders	VAN KOOTEN, Rick
	- [3] Electroweak Physics after the Higgs Discovery	KOTWAL, Ashutosh
12:00 PM	[18] Top Quark and QCD Physics Topics	SCHWIENHORST, Reinhard
	- [1] Major Issues in QCD	Prof. HUSTON, Joey
	- [2] Top Quark Physics	SCHWIENHORST, Reinhard
1:15 PM	[19] Challenges for Future Experiments (Joint with Instrumentation and Computing)	
	- [1] Detector Challenges for Future Hadron Colliders	HEINTZ, Ulrich
	- [2] Detector Challenges for Future Lepton Colliders	Prof. WHITE, Andy
	- [3] Computing Challenges and Opportunitites in the Next Decade	Dr FISK, Ian
2:30 PM	[20] New Particles and Flavor Physics topics	
	- [1] What are the options for search strategies; how do we evaluate them?	Prof. GERSHTEIN, Yuri
	- [2] Future of the search for supersymmetry at colliders	REDLINGER, George
	- [3] Future of the search for composite Higgs models and related exotic particles at colliders	FOX, Paddy
	- [4] Flavor Physics and CP violation at high energy	PAPUCCI, Michele
3:30 PM	Coffee/Wine/Cheese Break	

Energy Frontier - Auditorium (7:30 PM - 11:00 PM)

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time	[id] title	presenter
7:30 PM	[27] Electroweak (Chair: Michael Schmitt)	
	- [1] Discussion of Future Electroweak Precision Measurements	
	- [2] Discussion of W and Z trilinear and Quartic couplings	
	- [3] Discussion of Electroweak Fits Including Higgs	

7:30 P	[16] Higgs (Chair: Chris Tully)	
7:30 P	[13] QCD (Chair: Joey Huston)	
	- [1] Introduction and general overview; connections with other efforts, such as Les Houches	
	- [2] Discussion of leading questions and issues related to QCD at present and future colliders	
	- [3] Joint Discussion with Electroweak Group	
7:30 P	[12] Top Quark (Chair: Reinhard Schwienhorst)	
	- [1] Discussion of Precision Top Physics	
	- [2] Discussion of Detector Physics Involving Top	
	- [3] Discussion of New Physics Involving Top	
7:30 P	[11] Flavor (Chair: Soeren Prell)	
7:30 P	[10] New Particles (Chair: Daniel Whiteson)	