



# Snowmass: Seattle Energy Frontier Workshop

## Sunday, 30 June 2013

### Top Quark: mass - PAB 109 (14:00 - 16:00)

-Conveners: Kirill Melnikov

time	[id] title	presenter
14:00	[87] Summary of studies	Dr MITOV, Alexander
15:00	[88] Discussion	

### Top Quark: Couplings, rare decays - PAB 109 (16:30 - 19:00)

-Conveners: Reinhard Schwienhorst

time	[id] title	presenter
16:30	[104] Summary of studies	LOGINOV, Andrew GARCIA-BELLIDO, Aran Dr ADELMAN, Jahred BAUMGART, Matthew
17:15	[103] Summary of rare decays	Dr ZUPAN, Jure Dr CRAIG, Nathaniel
17:40	[138] New technique for top mass	Dr ALIOLI, Simone
18:00	[105] Discussion	

# Monday, 1 July 2013

## Top Quark: Contributed Talks - PAB 109 (12:25 - 13:25)

-Conveners: Robin Erbacher Erbacher

time	[id] title	presenter
12:25	[107] Top physics in e+e- collisions at CLIC	Dr REDFORD, Sophie
12:40	[106] ILC overview	Dr MOORTGAT-PICK, Gudrid
13:10	[86] Searching for top squarks	Dr SINHA, Kuver

## Top Quark: joint with New Particles and Forces - ARC 147 (13:30 - 15:30)

-Conveners: Kaustubh Agashe

time	[id] title	presenter
13:30	[108] Summary of stop searches	Prof. PERELSTEIN, Maxim
13:50	[111] Discussion	
14:10	[109] Summary of t tbar resonances	Prof. GOLLING, Tobias
14:30	[145] Discussion	
14:50	[110] Summary of top partner searches	Prof. NARAIN, Meenakshi
15:10	[115] Discussion	

## Tuesday, 2 July 2013

### Top Quark: kinematics - PAA 214 (10:15 - 12:40)

-Conveners: Cecilia Gerber

time	[id] title	presenter
10:15	[112] Summary of studies	JUNG, Andreas Dr SHELTON, Jessie Dr SCHULZE, Markus
11:15	[113] Discussion	

### Top Quark: Contributed Talks - PAC 421 (13:00 - 14:00)

-Conveners: Kaustubh Agashe

time	[id] title	presenter
13:00	[114] ILC samples	GRAF, Norman
13:10	[117] Study of top pair production near the threshold at ILC	Dr Horiguchi, Tomohiro
13:25	[116] When the Higgs meets the Top	Prof. KAO, Chung

### Top Quark: detectors and algorithms - PAC 421 (14:00 - 16:00)

-Conveners: Robin Erbacher

time	[id] title	presenter
14:00	[118] Summary of studies	Dr TWEEDIE, Brock Dr DOLEN, James PILOT, Justin Dr POESCHL, Roman CHEKANOV, Sergei
	- [1] Introduction to top/detector group summaries	CHEKANOV, Sergei
	- [2] Summary of the standard top reconstruction for future LHC runs	CHEKANOV, Sergei
	- [3] Summary of boosted top quark reconstruction for future LHC runs	PILOT, Justin Dr DOLEN, James
	- [4] Summary of top reconstruction at LC	Dr POESCHL, Roman
15:00	[119] Discussion	