

MC4BSM-2014: Monte Carlo Tools for Physics Beyond the Standard Model

Monday, 19 May 2014

\: Opening - Room #204 (09:00 - 12:30)

time	[id] title	presenter
09:00	[39] Welcome to IBS	CHOI, Kiwoon
09:15	[0] M1 Monte Carlo Overview	FRIXIONE, Stefano
10:00	[1] M2 BSM Overview	WEILER, Andreas
10:45	Coffee break	
11:20	[2] M3 Pythia	Dr MRENNNA, Stephen
11:55	[3] M4 Herwig	GRELLSCHEID, David

\ - Room #204 (14:40 - 19:30)

time	[id] title	presenter
14:40	[5] M5 BSM Searches with CMS	ALCARAZ MAESTRE, Juan
15:25	[7] M6 FeynRules	DUHR, Claude
16:00	Coffee break	
16:20	[36] M7 Madgraph	MATTELAER, Olivier Pierre C
16:55	[10] M8 aMC@NLO	ZARO, Marco
17:30	[8] M9 Tutorial	

Tuesday, 20 May 2014**\: MC - Room #204 (09:00 - 12:30)**

time	[id] title	presenter
09:00	[11] T1 Sherpa	KUTTIMALAI, Silvan
09:35	[12] T2 Whizard	, Wolfgang Kilian
10:10	[13] T3 CalcHEP	PUKHOV, Alexander
10:45	Coffee break	
11:20	[6] T4 FastJet	CACCIARI, Matteo
11:55	[35] T5 The Unreasonable Effectiveness of Monte Carlos	LARKOSKI, Andrew

\ - Room #204 (14:00 - 19:35)

time	[id] title	presenter
14:00	[14] T6 MadDM	BACKOVIC, Mihailo BACKOVIC, Mihailo
14:25	[22] T7 GoSam	GREINER, Nicolas
14:50	[16] T8 New Physics Study under High Throughput Monte Carlo Framework	Dr NAM, Soo-hyeon
15:15	[45] T9 The Genome Project in HEP Events	Dr CHO, Won Sang
15:40	Coffee break	
16:15	[17] T10 Tutorial	

Thursday, 22 May 2014

\: Theory - Room #204 (09:00 - 12:30)

time	[id] title	presenter
09:00	[19] Th1 Modeling Soft Gluons and Fiducial Cross Sections: New Physics or Old QCD?	MEADE, Patrick
09:35	[18] Th2 Top Partners in Composite Higgs	WULZER, Andrea
10:10	[40] Th3 Some Recent Applications of Jet Substructure	TWEEDIE, Brock
10:45	Coffee break	
11:15	[20] Th4 Template Overlap Method	JUKNEVICH, Jose
11:40	[21] Th5 Recasting Higgs Searches into a Constraint on Composite Quark Partners	LIM, Sung Hak
12:05	[15] Th6 Correlations of top asymmetries: loop- vs. tree-origins	JUNG, Sunghoon

\: Kinematic Variables - Room #204 (14:00 - 18:30)

time	[id] title	presenter
14:00	[23] Th7 Overview of kinematic variables:	KONG, K.C.
14:35	[24] Th8 Computational algorithms for MT2	HAN, Zhenyu
15:10	[25] Th9 Computational algorithms for M2	KIM, Doojin
15:45	Coffee break	
16:20	[26] Th10 Tutorial	

Friday, 23 May 2014

\: **Future Colliders - Room #204 (09:00 - 12:20)**

time	[id] title	presenter
09:00	[27] F1 Physics Opportunities at ILC	LIST, Jenny
09:35	[38] F2 ILC Simulation Issues	BERGGREN, Mikael
10:10	Coffee break	
10:45	[28] F3 Physics at a 100 TeV pp Collider	YAN, Qi-Shu
11:20	[44] F4 Electroweak Showers	CHRISTIANSEN, Jesper Roy
11:45	[34] F5 Status of UED simulations	Dr DATTA, Asesh K.

\ - **Room #204 (14:00 - 18:30)**

time	[id] title	presenter
14:00	[41] F6 Fastlim/ATOM	Dr SAKURAI, Kazuki
14:35	[29] F7 CheckMATE	TATTERSALL, Jamie
15:10	[30] F8 Efficient simulation of fake leptons	CURTIN, David
15:45	Coffee break	
16:20	[31] F9 Measuring Higgs properties with MEM in the golden channel	PARK, Myeonghun
16:55	[33] F10 Higgs EFT in Madgraph / MadAnalysis	FUKS, Benjamin
17:30	[42] F11 CPsuperH	LEE, Jae Sik
18:05	[43] F12 HiggsCharacterisation	MAWATARI, Kentarou