

The 33rd International Symposium on Lattice Field Theory (Lattice 2015)

Tuesday, 14 July 2015

Physics Beyond the Standard Model - 405 (14:00 - 16:00)

-Conveners: C.-J. David Lin

time	[id] title	presenter
14:00	[184] Walking and conformal dynamics in many flavor QCD	Dr OHKI, Hiroshi
14:20	[243] Topological observables in many-flavour QCD	Dr BENNETT, Ed
14:40	[98] SU(3) gauge theory with four degenerate fundamental fermions on the lattice	Dr KURACHI, Masafumi
15:00	[124] Studying near conformal behavior with four light flavors and eight flavors of variable mass.	Prof. REBBI, Claudio
15:20	[156] Probing near conformal dynamics with 4+8 and 8 flavors: running coupling and the spectrum	WEINBERG, Evan
15:40	[82] IR fixed points and conformal window in $SU(3)$ gauge Theories	Dr NAKAYAMA, YU

Physics Beyond the Standard Model - 405 (16:30 - 18:10)

-Conveners: Claudio Rebbi

time	[id] title	presenter
16:30	[190] A minimal model of the composite Higgs and its Goldstone dynamics	Prof. KUTI, Julius
16:50	[114] Hadron Spectroscopy with a low-mass composite scalar in the sextet model	Mr CHIK HIM, wong
17:10	[230] Taste symmetry restoration in the sextet model with staggered fermions	Mr MONDAL, santanu
17:30	[322] Running coupling of the sextet composite Higgs model	NOGRADI, Daniel
17:50	[21] Conformal symmetry vs. chiral symmetry breaking in the SU(3) sextet model	Mr HANSEN, Martin

Wednesday, 15 July 2015

Physics Beyond the Standard Model - 405 (14:00 - 15:40)

-Conveners: Julius Kuti

time	[id] title	presenter
14:00	[183] Lattice study for conformal windows of SU(2) and SU(3) gauge theories with fundamental fermions	Prof. LIN, C.-J. David
14:20	[242] Approaching the conformal window: systematic study of the particle spectrum in SU(2) field theory with $N_f = 2, 4$ and 6.	TÄHTINEN, Sara
14:40	[249] Gradient flow and IR fixed point in SU(2) with $N_f=8$ flavors	Mr LEINO, Viljami
15:00	[272] Lattice simulations of technicolour theories with adjoint fermions and supersymmetric Yang-Mills theory	Dr BERGNER, Georg
15:20	[137] Wilson Fermions with Four Fermion Interactions	Dr RANTAHARJU, Jarno

Physics Beyond the Standard Model - 405 (16:30 - 18:10)

-Conveners: Daniel Negradi

time	[id] title	presenter
16:30	[323] Effects of higher order operators on the Standard Model Higgs sector	Mr AKERLUND, Oscar
16:50	[122] Lattice study of the Higgs-Yukawa model in and beyond the Standard Model	CHU, David Y. -J.
17:10	[105] Non-Perturbative Gauge-Higgs Unification in Five Dimensions	Dr MOIR, Graham
17:30	[36] Five-dimensional Gauge Theories in a Warped Background	Ms LAMBROU, Eliana
17:50	[255] Gravitational waves from cosmological first order phase transitions	Prof. RUMMUKAINEN, Kari

Thursday, 16 July 2015

Physics Beyond the Standard Model - 405 (08:30 - 10:10)

-Conveners: Hiroshi Ohki

time	[id] title	presenter
08:30	[117] Template Composite Dark Matter : SU(2) gauge theory with Nf=2	Dr DRACH, Vincent
08:50	[150] Stealth Dark Matter on the lattice	Dr RINALDI, Enrico
09:10	[167] Lattice QCD and Axion Cosmology	Dr BERKOWITZ, Evan
09:30	[328] Beyond the Standard model matrix elements with the gradient flow	SHINDLER, Andrea
09:50	[132] Neutron EDM from quark chromoEDM	Dr BHATTACHARYA, Tanmoy

Saturday, 18 July 2015

Physics Beyond the Standard Model - 405 (09:00 - 11:00)

-Conveners: Noboru KAWAMOTO

time	[id] title	presenter
09:00	[337] Witten index and phase diagram of compactified N=1 supersymmetric Yang-Mills theory on the lattice	Mr PIEMONTE, Stefano
09:20	[13] Supermultiplets of the N=1 supersymmetric Yang-Mills theory in the continuum limit	Dr GIUDICE, pietro
09:40	[274] Canonical simulations of supersymmetric SU(N) Yang-Mills quantum mechanics	Dr WENGER, Urs
10:00	[71] New results from lattice N=4 supersymmetric Yang--Mills	SCHAICH, David
10:20	[201] Large-scale computation of the exponentially expanding universe in a simplified Lorentzian IIB matrix model	Mr ITO, Yuta
10:40	[332] Lattice and string worldsheet in AdS/CFT: a numerical study	Dr FORINI, Valentina