



# The 34th International Symposium on Lattice Field Theory (Lattice 2016)

## Monday, July 25, 2016

### Physics Beyond the Standard Model - Building 67 Room 1027 (2:15 PM - 4:15 PM)

-Conveners: Benjamin Svetitsky

time	[id] title	presenter
2:15 P	<a href="#">M118</a> ] The scalar sector of $SU(2)$ gauge theory with $N_F=2$ fundamental flavours	Dr DRACH, vincent
2:35 P	<a href="#">M100</a> ] Infrared properties of a prototype pNGB model for beyond-SM physics	Prof. HASENFRATZ, Anna
2:55 P	<a href="#">M108</a> ] Spectrum of a prototype model with the Higgs as pNGB	Prof. REBBI, Claudio
3:15 P	<a href="#">M189</a> ] Near-conformal composite Higgs or PNGB with partial compositeness?	Prof. KUTI, Julius
3:35 P	<a href="#">M157</a> ] Spectrum and mass anomalous dimension of $SU(2)$ gauge theories with fermions in the adjoint representation: from $N_f=1/2$ to $N_f=2$	Dr BERGNER, Georg
3:55 P	<a href="#">M192</a> ] Large mass hierarchies from strongly-coupled dynamics	Dr BENNETT, Ed

### Physics Beyond the Standard Model - Building 67 Room 1027 (4:45 PM - 6:45 PM)

-Conveners: Julius Kuti

time	[id] title	presenter
4:45 P	<a href="#">M197</a> ] Quark Chromoelectric Dipole Moment Contribution to the Neutron Electric Dipole Moment	Dr BHATTACHARYA, Tanmoy
5:05 P	<a href="#">M14</a> ] Effective action for pions and a dilatonic meson - foundations	Dr SHAMIR, Yigal
5:25 P	<a href="#">M11</a> ] Effective action for pions and a dilatonic meson - results	Prof. GOLTERMAN, Maarten
5:45 P	<a href="#">M194</a> ] Asymptotically safe gauge-Yukawa theories and functional renormalisation group	Ms BUYUKBESE, Tugba
6:05 P	<a href="#">M10</a> ] Interacting ultraviolet completions of four-dimensional gauge theories	Mr BOND, Andrew
6:25 P	<a href="#">M142</a> ] Finite Size Scaling of the Higgs-Yukawa Model near the Gaussian Fixed Point	CHU, David Y.-J.

## Tuesday, July 26, 2016

### Physics Beyond the Standard Model - Building 67 Room 1027 (2:00 PM - 4:00 PM)

-Conveners: Luigi Del Debbio

time	[id] title	presenter
2:00 P	[M90] Running coupling of twelve flavors	NOGRADI, Daniel
2:20 P	[M92] Light Isosinglet Scalar in Eight Flavor QCD	Dr FLEMING, George
2:40 P	[M06] Studying the Low Energy Effective Theory of Eight Flavor QCD	Mr GASBARRO, Andrew
3:00 P	[M38] Flavor singlet mesons in QCD with varying number of flavors	Dr AOKI, Yasumichi
3:20 P	[M05] Discrete $\beta$ -function of the SU(3) gauge theory with 10 massless domain-wall fermions	Prof. CHIU, Ting-Wai
3:40 P	[M92] Selected new results from the spectroscopy of the sextet BSM model	Mr WONG, chik him

### Physics Beyond the Standard Model - Building 67 Room 1027 (4:30 PM - 6:30 PM)

-Conveners: Daniel Negradi

time	[id] title	presenter
4:30 P	[M3] Numerical Analysis of Discretized $\mathcal{N}=(2,2)$ SYM on Polyhedra	Dr KAMATA, Syo
4:50 P	[M1] S-duality in lattice N=4 super Yang-Mills	Prof. GIEDT, Joel
5:10 P	[M77] Latest results from lattice N=4 supersymmetric Yang-Mills	SCHAICH, David
5:30 P	[M95] Spectroscopy of two dimensional N=2 Super Yang Mills theory	Mr AUGUST, Daniel
5:50 P	[M73] D=5 Maximally Supersymmetric Yang-Mills on the Lattice	Dr JOSEPH, Anosh
6:10 P	[M86] Simulations of N=1 supersymmetric Yang-Mills theory with three colours	Dr GIUDICE, pietro

# Wednesday, July 27, 2016

## Physics Beyond the Standard Model - Building 67 Room 1027 (11:30 AM - 12:30 PM)

-Conveners: Joel Giedt

time	[id] title	presenter
11:30	<del>A03</del> SUNny gluonia as DM	SONI, amarjit
11:50	<del>A02</del> dark matter from one-flavor SU(2) gauge theory	LEWIS, Randy

# Thursday, July 28, 2016

## Physics Beyond the Standard Model - Building 67 Room 1027 (2:00 PM - 4:00 PM)

-Conveners: Maarten Golterman

time	[id] title	presenter
2:00 P	[M189] Phenomenology of a composite Higgs model: lessons for the lattice.	Prof. DEL DEBBIO, Luigi
2:20 P	[M108] Check of a new non-perturbative mechanism for elementary fermion mass generation	Mr GAROFALO, Marco
2:40 P	[M125] Lines of Constant Physics in a 5-d Gauge-Higgs Unification Scenario	Mr ALBERTI, Maurizio
3:00 P	[M1] Physical spectra and the limits of perturbative estimates in a theory with a Higgs	Prof. MAAS, Axel
3:20 P	[M12] The physical spectrum of a partially Higgsed gauge theory	Mr TOEREK, Pascal

## Physics Beyond the Standard Model - Building 67 Room 1027 (4:30 PM - 6:30 PM)

-Conveners: Kieran Holland

time	[id] title	presenter
4:30 P	[M120] Rho meson decay width in SU(2) gauge theories with 2 fundamental flavours.	Dr JANOWSKI, Tadeusz
4:50 P	[M153] Gradient flow running coupling in SU(2) with 6 flavors	Mr LEINO, Viljami
5:10 P	[M126] Radiative contribution to the effective potential in a composite Higgs model	Prof. SVETITSKY, Benjamin
5:30 P	[M168] Towards Partial Compositeness on the Lattice: Baryons with Fermions in Multiple Representations	Mr JAY, William
5:50 P	[M179] Adjoint SU(2) with four fermion interactions	Dr RANTAHARJU, Jarno
6:10 P	[M119] Sextet Model with Wilson Fermions	Mr HANSEN, Martin

# Friday, July 29, 2016

## Physics Beyond the Standard Model - Building B2a Room 2065 (5:30 PM - 6:30 PM)

-Conveners: Axel Maas

time	[id] title	presenter
5:30 PM	[M19] Strings on the lattice and AdS/CFT	FORINI, Valentina
5:50 PM	[M77] Supergravity from Gauge Theory	Dr BERKOWITZ, Evan