



# 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 PM	[218] The scalar sector of $SU(2)$ gauge theory with $N_F=2$ fundamental flavours	Dr DRACH, vincent
2:35 PM	[200] Infrared properties of a prototype pNGB model for beyond-SM physics	Prof. HASENFRATZ, Anna
2:55 PM	[308] Spectrum of a prototype model with the Higgs as pNGB	Prof. REBBI, Claudio
3:15 PM	[389] Near-conformal composite Higgs or pNGB with partial compositeness?	Prof. KUTI, Julius
3:35 PM	[357] 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 PM	[292] 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 PM	[197] Quark Chromoelectric Dipole Moment Contribution to the Neutron Electric Dipole Moment	Dr BHATTACHARYA, Tanmoy
5:05 PM	[14] Effective action for pions and a dilatonic meson - foundations	Dr SHAMIR, Yigal
5:25 PM	[11] Effective action for pions and a dilatonic meson - results	Prof. GOLTERMAN, Maarten
5:45 PM	[294] Asymptotically safe gauge-Yukawa theories and functional renormalisation group	Ms BUYUKBESE, Tugba
6:05 PM	[60] Interacting ultraviolet completions of four-dimensional gauge theories	Mr BOND, Andrew
6:25 PM	[142] 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 PM	[390] Running coupling of twelve flavors	NOGRADI, Daniel
2:20 PM	[392] Light Isosinglet Scalar in Eight Flavor QCD	Dr FLEMING, George
2:40 PM	[406] Studying the Low Energy Effective Theory of Eight Flavor QCD	Mr GASBARRO, Andrew
3:00 PM	[238] Flavor singlet mesons in QCD with varying number of flavors	Dr AOKI, Yasumichi
3:20 PM	[205] Discrete $\beta$ -function of the SU(3) gauge theory with 10 massless domain-wall fermions	Prof. CHIU, Ting-Wai
3:40 PM	[192] 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 PM	[73] Numerical Analysis of Discretized $\mathcal{N}=(2,2)$ SYM on Polyhedra	Dr KAMATA, Syo
4:50 PM	[71] S-duality in lattice N=4 super Yang-Mills	Prof. GIEDT, Joel
5:10 PM	[177] Latest results from lattice N=4 supersymmetric Yang--Mills	SCHAICH, David
5:30 PM	[295] Spectroscopy of two dimensional N=2 Super Yang Mills theory	Mr AUGUST, Daniel
5:50 PM	[173] D=5 Maximally Supersymmetric Yang-Mills on the Lattice	Dr JOSEPH, Anosh
6:10 PM	[186] 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 AM	[103] SUNny gluonia as DM	SONI, amarjit
11:50 AM	[202] 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 PM	[189] Phenomenology of a composite Higgs model: lessons for the lattice.	Prof. DEL DEBBIO, Luigi
2:20 PM	[108] Check of a new non-perturbative mechanism for elementary fermion mass generation	Mr GAROFALO, Marco
2:40 PM	[125] Lines of Constant Physics in a 5-d Gauge-Higgs Unification Scenario	Mr ALBERTI, Maurizio
3:00 PM	[3] Physical spectra and the limits of perturbative estimates in a theory with a Higgs	Prof. MAAS, Axel
3:20 PM	[22] 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 PM	[120] Rho meson decay width in SU(2) gauge theories with 2 fundamental flavours.	Dr JANOWSKI, Tadeusz
4:50 PM	[153] Gradient flow running coupling in SU(2) with 6 flavors	Mr LEINO, Viljami
5:10 PM	[126] Radiative contribution to the effective potential in a composite Higgs model	Prof. SVETITSKY, Benjamin
5:30 PM	[168] Towards Partial Compositeness on the Lattice: Baryons with Fermions in Multiple Representations	Mr JAY, William
5:50 PM	[279] Adjoint SU(2) with four fermion interactions	Dr RANTAHARJU, Jarno
6:10 PM	[119] 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	[19] Strings on the lattice and AdS/CFT	FORINI, Valentina
5:50 PM	[377] Supergravity from Gauge Theory	Dr BERKOWITZ, Evan