

32nd International Symposium on Lattice Field Theory (Lattice 2014)

Tuesday, 24 June 2014

Theoretical Developments: Parallel 3E - 329 Pupin (14:15 - 15:55)

-Conveners: Michael G Endres

time	[id] title	presenter
14:15	[46] Polyakov Loop Correlations at Large N	Prof. NEUBERGER, Herbert
14:35	[355] TEK twisted gradient flow running coupling	KEEGAN, Liam
14:55	[341] Testing volume independence of large N gauge theories on the lattice	Prof. GONZALEZ-ARROYO, Antonio
15:15	[234] Temperature dependence of the chiral condensate in the Schwinger model with Matrix Product States	Dr SAITO, Hana
15:35	[96] Grassmann Tensor Renormalization Group Study of Lattice QED with Theta Term in Two Dimensions	Dr SHIMIZU, Yuya

Theoretical Developments: Parallel 4E - 329 Pupin (16:30 - 18:10)

-Conveners: Herbert Neuberger

time	[id] title	presenter
16:30	[386] Causal Space-Time on a Null Lattice with Hypercubic Coordination	Dr SCHADEN, Martin
16:50	[104] Triviality of ϕ^4_4 in the broken phase revisited	Prof. WOLFF, Ulli
17:10	[254] Lattice study on diquark properties	LIU, Zhaofeng
17:30	[120] Induced QCD with Nc auxiliary bosonic fields	Dr BRANDT, Bastian
17:50	[329] Matrix product states for gauge field theories	Mr BUYENS, Boye Dr VAN ACOLEYEN, Karel

Wednesday, 25 June 2014

Theoretical Developments: Parallel 5E - 329 Pupin (09:00 - 10:40)

-Conveners: Agostino Patella

time	[id] title	presenter
09:00	[7] Prepotential Formulation of Lattice Gauge theories	Dr RAYCHOWDHURY, Indrakshi
09:20	[102] Lattice Hamiltonian approach to the Schwinger model	Mr SZYNISZEWSKI, Marcin
09:40	[227] Update on staggered Wilson fermions	ADAMS, David
10:00	[8] Pion masses in 2-flavor QCD with χ condensation	Prof. AOKI, Sinya
10:20	[54] Spectrum of the staggered Wilson Dirac operator in quenched lattice QCD backgrounds	Mr ZIELINSKI, Christian

Theoretical Developments: Parallel 6E - 329 Pupin (11:10 - 13:10)

-Conveners: Stefan Sint

time	[id] title	presenter
11:10	[328] Conformal Lattice Field Theory on Spherical Manifolds	Dr BROWER, Richard
11:30	[277] Blocking versus Sampling	MEURICE, Yannick
11:50	[179] Topologically restricted measurements in lattice sigma-models	Dr GERBER, Urs
12:10	[177] Hadron masses from fixed topological simulations: discussion of parity partners and SU(2) Yang-Mills results.	DROMARD, Arthur
12:30	[115] Non-perturbative renormalization of the energy-momentum tensor in SU(3) Yang-Mills theory	Dr PEPE, Michele
12:50	[239] Topology density correlator on dynamical domain-wall ensembles with nearly frozen topological charge	FUKAYA, Hidenori

Thursday, 26 June 2014

Theoretical Developments: Parallel 7E - 329 Pupin (14:15 - 16:35)

-Conveners: Hidenori Fukaya

time	[id] title	presenter
14:15	[186] Optimisation of Quantum Evolution Algorithms	Prof. PATEL, Apoorva
14:35	[350] Tensor renormalization group study of the 2d O(3) model	UNMUTH-YOCKEY, Judah
14:55	[288] Energy-momentum tensor on the lattice and Wilson flow	Dr PATELLA, Agostino
15:15	[215] String tension from smearing and Wilson flow methods	Prof. OKAWA, Masanori
15:35	[173] Tree level improvement of the gradient flow	Dr NOGRADI, Daniel
15:55	[107] How to reduce $O(a^2)$ effects in gradient flow observables?	SINT, Stefan
16:15	[338] Locally smeared operator product expansions	Dr MONAHAN, Christopher

Friday, 27 June 2014

Theoretical Developments: Parallel 8E - 329 Pupin (14:15 - 15:35)

-Conveners: Ulli Wolff

time	[id] title	presenter
14:15	[133] A construction of the Schrodinger Functional for Möbius Domain Wall Fermions	Ms MURAKAMI, Yuko
14:35	[48] Crank-Nicolson discretization scheme and lattice fermions	Prof. BORICI, Artan
14:55	[41] Fermion Mass Generation without a chiral condensate	Mr AYYAR, Venkitesh
15:15	[12] The Hadronic Spectrum and Confined Phase in (1+1)-Dimensional Massive Yang-Mills Theory	Dr CORTES CUBERO, Axel