

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

Monday 25 July 2016

Theoretical Developments - Building 67 Room 1003 (14:15-16:15)

-Conveners: Margarita Garcia-Perez

time	[id] title	presenter
14:15	[101] The Slab Method to Measure the Topological Susceptibility	Dr BIETENHOLZ, Wolfgang
14:35	[127] Determination of topological charge following several definitions	Dr FRISON, Julien
14:55	[181] Fermion bags, topology and index theorems	Prof. CHANDRASEKHARAN, Shailesh
15:15	[309] Lattice QCD on non-orientable manifolds - part I	Dr MAGES, Simon
15:35	[262] Lattice QCD on non-orientable manifolds - part II	Dr TOTH, Balint
15:55	[8] Lattice QCD simulation of the Berry curvature	YAMAMOTO, Arata

Theoretical Developments - Building 67 Room 1003 (16:45-18:45)

-Conveners: Roberto Frezzotti

time	[id] title	presenter
16:45	[42] Beyond complex Langevin equations: positive representation of Feynman path integrals directly in the Minkowski time	WOSIEK, Jacek
17:05	[116] Phase structure analysis of CP(N-1) model using Tensor renormalization group	Mr KAWAUCHI, Hikaru
17:25	[53] The multi-flavor Schwinger model with chemical potential - Overcoming the sign problem with Matrix Product States	KÜHN, Stefan
17:45	[46] Diagrammatic Monte-Carlo simulations of the large N SU(N)xSU(N) principal chiral model based on the weak-coupling trans-series expansion	Dr BUIVIDOVICH, Pavel
18:05	[284] New polynomially exact integration rules on U(N) and SU(N)	Dr HARTUNG, Tobias
18:25	[194] How to make a quantum black hole with ultra-cold gases	HANADA, Masanori

Tuesday 26 July 2016

Theoretical Developments - Building 67 Room 1003 (14:00-16:00)

-Conveners: Wolfgang Bietenholz

time	[id] title	presenter
14:00	[30] $B \rightarrow K^* \pi$ decays in a finite volume	Dr RUSSETSKI, Akaki
14:20	[16] Retrieving the optical potential from a Lattice simulation.	Dr MAI, Maxim
14:40	[318] A variational method for spectral functions	Mr ROBAINA, Daniel
15:00	[285] Applying recursive numerical integration techniques for solving high dimensional integrals	Ms VOLMER, Julia
15:20	[67] $O(3)$ model with Nienhuis action	Prof. WOLFF, Ulli
15:40	[179] Tensor RG calculations and quantum simulations near criticality	Prof. MEURICE, Yannick

Theoretical Developments - Building 67 Room 1003 (16:30-18:30)

-Conveners: Masanori Okawa

time	[id] title	presenter
16:30	[226] Six-dimensional regularization of chiral gauge theories on a lattice I	Dr FUKAYA, Hidenori
16:50	[227] Six-dimensional regularization of chiral gauge theories on a lattice II	Mr YAMAMURA, Ryo
17:10	[6] Borici-Creutz fermions on 2-dim lattice	Mr GOSWAMI, Jishnu
17:30	[97] Sea quark QED effects and twisted mass fermions	Prof. FREZZOTTI, Roberto
17:50	[191] Search for a continuum limit of the PMS phase	AYYAR, Venkitesh
18:10	[296] Tensor renormalization group approach to higher dimensional fermions	Mr SAKAI, Ryo

Wednesday 27 July 2016

Theoretical Developments - Building B2a Room 2077 (09:00-11:00)

-Conveners: Masanori Hanada

time	[id] title	presenter
09:00	[373] Renormalisation of the scalar energy-momentum tensor with the Wilson flow	EHRET, Susanne
09:20	[68] Renormalization constants of the lattice energy momentum tensor using the gradient flow	Mr CAPPONI, Francesco
09:40	[233] The gradient flow coupling from numerical stochastic perturbation theory	Dr DALLA BRIDA, Mattia
10:00	[364] Continuing the Saga of Fluffy Mirror Fermions	Ms GRABOWSKA, Dorota
10:20	[172] Lattice Conformal Field theory on Curved Manifolds	Prof. RICHARD BROWER, Richard

Theoretical Developments - Building B2a Room 2077 (11:30-12:30)

-Conveners: Wosiek Josef

time	[id] title	presenter
11:30	[216] Volume reduction through perturbative Wilson loops	Prof. GARCIA-PEREZ, Margarita
11:50	[92] Meson masses and decay constants at large N	Prof. OKAWA, Masanori
12:10	[303] 't Hooft model on the lattice	Prof. GONZALEZ-ARROYO, Antonio