Session Program

Jul 24 – 30, 2016

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

Poster

Highfield Campus, University of Southampton
Highfield Campus, Southampton SO17 1BJ, UK

Tue, July 26

6:55 PM

Poster

Session | **Location:** Highfield Campus, University of Southampton, Highfield Campus, Southampton SO17 1BJ, UK

7:00 – 8:00 PM **Flux Tubes at Finite Temperature**

Speaker
Prof. Pedro Bicudo

7:00 – 8:00 PM
Update on Nf=3 finite temperature QCD phase structure with Wilson-Clover fermions

Speaker
Dr Shinji Takeda

7:00 – 8:00 PM
Towards extracting the timelike pion form factor on CLS 2-flavour ensembles

Speaker
Mr Felix Erben

7:00 – 8:00 PM **Hierarchically deflated conjugate residua**

Speakers
Dr Azusa Yamaguchi, Prof. Peter Boyle

7:00 – 8:00 PM
Chiral phase transition in (2 + 1)-flavor QCD on $N_{\tau} = 6$ lattices

Speaker
Mr Sheng-Tai Li

7:00 – 8:00 PM **Some Statistics on Women in Lattice QCD**

Speaker
Prof. Huey-Wen Lin

7:00 – 8:00 PM **Ground state charmed meson and baryon spectra for $N_f=2+1+1$**

Speaker
Thomas Rae

7:00 – 8:00 PM
Pseudo-scalar decay constants on three-flavour CLS ensembles with open boundaries

Speaker
Mr Stefan Hofmann (Unversity of Regensburg)

7:00 – 8:00 PM **RG scaling at chiral phase transition in two-flavor QCD**

Speaker
Prof. Ken-ichi Ishikawa

7:00 – 8:00 PM

Calculation of Quark Condensates and Chirality using Improved Staggered Fermions

Speaker
Mr Hwancheol Jeong

7:00 – 8:00 PM **Platform Independent Profiling of a QCD Code**

Speaker
Dr Marina Krstic Marinkovic

7:00 – 8:00 PM

The Hadronic Vacuum Polarisation contribution to the anomalous magnetic moment of the muon

Speaker
Prof. Christine Davies

7:00 – 8:00 PM

Mass anomalous dimension of SU(2) using the spectral density method

Speaker
Mr Joni Suorsa

7:00 – 8:00 PM

Zero-momentum SU(2) gluon correlator at various boundary conditions

Speaker
Dr Igor Bogolubsky

7:00 – 8:00 PM

A local update algorithm for supersymmetric Yang-Mills quantum mechanics

Speaker
Prof. Urs Wenger

7:00 – 8:00 PM

Strange Quark Magnetic Moment and Charge Radius of the Nucleon at Physical Point

Speaker
Raza Sufian

7:00 – 8:00 PM

Perturbative calculation of Z_q and Z_m at the one-loop level using improved staggered quarks

Speaker
Mr Benjamin Jaedon Choi

7:00 – 8:00 PM **Status report on ε_K with lattice QCD inputs**

Speaker
Prof. Weonjong Lee

7:00 – 8:00 PM

Relaxation time of the fermions in the magnetic field (II) - away from strong magnetic field limit -

Speaker
Prof. Tetsuya Onogi

7:00 – 8:00 PM

Simulation of SU(2) gauge theory with improved domain-wall fermions

Speaker
Dr Hideo Matsufuru

7:00 – 8:00 PM **Further Study of BRST-Symmetry Breaking on the Lattice**

Speaker
Mr Attilio Cucchieri

7:00 – 8:00 PM **Looking forward to new lattice inputs for flavour phenomenology**

Speaker
Mr Matthew Kirk

7:00 – 8:00 PM

Tuning of hopping parameters in Oktay-Kronfeld action for heavy quarks on the $N_f=2+1+1$ MILC HISQ ensemble.

Speaker
Mr Sungwoo Park

8:00 – 9:00 PM **Complex Langevin Dynamics In 1+1d QCD At Non-Zero Densities**

Speaker
Mr Sebastian Schmalzbauer

8:00 – 9:00 PM **Isovector Axial Charge with Current Improvement**

Speaker
Dr YIBO Yang

8:00 – 9:00 PM

Approaching the conformal window in SU(2) field theory: a systematic study of the spectrum for Nf=2,4,6, and 8.

Speaker
Sara Tähtinen

8:00 – 9:00 PM **New Noise Subtraction Methods in Lattice QCD**

Speaker
Mr Suman Baral

8:00 – 9:00 PM

Heavy-heavy current improvement for calculation of $\bar{B}\rightarrow D^{(*)} \ell \bar{\nu}$ semi-leptonic form factors using the Oktay-Kronfeld action -- 2

Speaker
Mr Jaehoon Leem

8:00 – 9:00 PM **Charmed meson physics from three-flavour lattice QCD**

Speaker
Mr Kevin Eckert

8:00 – 9:00 PM

Perturbative running of the twisted Yang-Mills coupling in the gradient flow scheme

Speaker
Mr Eduardo Ibanez Bribian

8:00 – 9:00 PM **Momentum smearing**

Speaker
Mr Bernhard Lang

8:00 – 9:00 PM
O(4) scaling analysis in two-flavor QCD at finite temperature and density with improved Wilson quarks

Speaker
Dr Takashi UMEDA

8:00 – 9:00 PM
Relaxation time of the fermions in the magnetic field (I) - the case for relativistic fermions -

Speaker
Ms Aya Kagimura

8:00 – 9:00 PM **New extended interpolating fields for hadron correlation functions**

Speaker
Mr Francesco Scardino

8:00 – 9:00 PM
Gradient flow observables and boundary O(a) improvement of the Schroedinger functional

Speaker
Ms Argia Rubeo

8:00 – 9:00 PM **Discussion of the Loop Formula for the fermionic determinant**

Speaker
Dr Ion-Olimpiu Stamatescu

8:00 – 9:00 PM
Applications of Gradient flow to Non-perturbative renormalization of quark bi-linears

Speaker
Prof. Kostas Orginos

8:00 – 9:00 PM **Prediction of positive parity Bs mesons and search for the X(5568)**

Speaker
Dr Daniel Mohler

8:00 – 9:00 PM
Long-Distance Properties of Landau Gluon and Ghost Propagators and Deconfinement

Speaker
Tereza Mendes

8:00 – 9:00 PM **BSM Kaon mixing at the Physical Point**

Speaker
Ms Julia Kettle

8:00 – 9:00 PM **Nucleon EDM from Chromo EDM using Domain-Wall Fermion**

Speakers
Dr Hiroshi Ohki, Sergey Syritsyn

8:00 – 9:00 PM

Fermions with long-range interactions using a matrix-product-states approach

Speaker
Mr Marcin Szyniszewski

8:00 – 9:00 PM

A G(2)-QCD Neutron Star

Speaker
Ms Ouraman Hajizadeh

8:00 – 9:00 PM

pMR: A high-performance communication library

Speaker
Mr Peter Georg

9:05 PM