

Session Program

2-8 Nov 2025



42nd International Symposium on Lattice Field Theory (Lattice 2025)

Poster session

TIFR Mumbai, Homi Bhabha Auditorium

Tata Institute of Fundamental Research, 1, Homi Bhabha Road, Navy Nagar, Colaba, Mumbai, India. Pin - 400 005

Tuesday 4 November

18:00

Poster session

Session | **Location:** HBA Foyer

18:00–19:30

Thermodynamic Consistency as a Reliability Test for Complex Langevin Simulations

Speaker

Anosh Joseph

18:00–19:30

Reinforcement learning (RL) methods for finding fermion propagators

Speaker

Ananth Ashish Garg Balasubramanian

18:00–19:30

Lattice study of RG flow in 2D ϕ^4 theory

Speaker

Shashank Sharma

18:00–19:30

Multicritical Behavior in a Three-Dimensional Gross-Neveu Model with Staggered Fermions

Speaker

Debasish Banerjee

18:00–19:30

Pion and kaon decay constants on CLS ensembles

Speaker

Gunnar Bali

18:00–19:30

Highly improved staggered quarks in the Grid framework

Speaker

Curtis Peterson

18:00–19:30

Duality and disorder operators in $SU(N)$ Lattice Gauge Theory

Speaker

Atul Rathor

18:00–19:30

Toward Efficient Trotter-Suzuki Schemes for Long-Time Quantum Dynamics

Speaker

Marko Maležič

18:00–19:30

The matrix model of two-color one-flavor QCD: The ultra-strong coupling regime

Speaker

ARKAJYOTI BANDYOPADHYAY

18:00–19:30

Evaluation of Numerical Methods for the Quark Propagator

Speaker

Chiho Nonaka

18:00–19:30

Enhanced Sampling Techniques for Lattice Gauge Theory**Speaker**

Timo Eichhorn

18:00–19:30

Efficient Low-Mode Averaging for Meson and Baryon Correlators at the Physical Point**Speaker**

Antonio Evangelista

18:00–19:30

Lattice artifacts proportional to the quark mass in the QCD running coupling**Speaker**

Dr Demetrianos Gavriel

18:00–19:30

Simulating Supersymmetric Quantum Mechanics Using Variational Quantum Algorithms**Speaker**

John Kerfoot

18:00–19:30

Investigation of a novel fully relativistic heavy-quark action in D meson systems**Speaker**

Mr David Thoma

18:00–19:30

Validating a novel approach to the two-dimensional Ising model phase transition**Speaker**

Christopher Monahan

18:00–19:30

Theta dependence of the deconfining temperature in $SU(3)$ Yang-Mills theory via imaginary theta simulations**Speaker**

Mitsuaki Hirasawa

18:00–19:30

Towards continuum estimate of cumulants of conserved charges for $(2+1)$ -flavor QCD with Mobius Domain Wall fermions**Speaker**

Jishnu Goswami

18:00–19:30

Lattice studies of entanglement entropy in $O(N)$ models at finite densities**Speaker**

Aatu Rajala

18:00–19:30

Staggered fermions with taste splitting mass term on dynamical configurations

Speaker

Nuha Chreim

18:00–19:30

Centre vortex evidence for two finite-temperature QCD phase transitions**Speaker**

Ryan Bignell

18:00–19:30

Overcoming ergodicity problems of HMC using radial updates**Speakers**

Prof. Anthony Kennedy, Johann Ostmeyer

18:00–19:30

Online or in person?**Speaker**

Sofie Martins

18:00–19:30

Cut-off effect analysis of the covariant coordinate space method for vacuum polarization calculations in lattice regularization**Speaker**

Cornelia Tölle

18:00–19:30

Variance reduction with normalizing flows**Speakers**

Daniel Hackett, Gurtej Kanwar

18:00–19:30

Antistatic-antistatic-light-light potentials and disentanglement of excited states in Lattice QCD**Speaker**

Bernardo Miguel Carvalho Rodrigues Cruz Picão

19:30