

**Session Program**

**22-26 Jul 2024**

**School on Continuum Foundations of Lattice  
Gauge Theories**

***Posters***

CERN, 4/3-006 - TH Conference Room

# Monday 22 July

18:00

## Posters

Session | Location: CERN, 500/1-201 - Mezzanine

19:00–20:00

**Form factors for semi-leptonic  $B_{(s)} \rightarrow D_{(s)}^* \ell \bar{\nu}_\ell$  decays**

19:00–20:00

**Euclidean Monte Carlo informed ground state preparation for quantum simulation**

19:00–20:00

**Using AI for Efficient Statistical Inference of Lattice Correlators Across Mass Parameters**

19:00–20:00

**Lattice determination of the NLO HVP contributions to the muon  $g-2$**

19:00–20:00

**Scattering wave packets of hadrons in gauge theories: Preparation on a quantum computer**

19:00–20:00

**Investigating the behavior of the Lattice Model using the Tensor Renormalization technique.**

19:00–20:00

**Studies on inclusive semileptonic decays from lattice QCD**

19:00–20:00

**Gauge field digitization in the Hamiltonian limit**

19:00–20:00

**Radiative corrections to  $B \rightarrow \ell \bar{\nu}_\ell$**

19:00–20:00

**Baryonic Weak Decay from Lattice QCD**

19:00–20:00

**$DK/D\pi$  scattering and an exotic virtual bound state from lattice QCD**

19:00–20:00

**Symplectic quantization: a new deterministic approach to the dynamics of quantum fields inspired by statistical mechanics**

19:00–20:00

**Proper time path integrals for gravitational waves: an improved wave optics framework**

19:00–20:00

**Semiconductor quantum simulator for lattice gauge theories**

19:00–20:00

**Non-perturbative lattice studies of exotic multi-quark systems**

19:00-20:00

**Localization of Dirac modes in the finite temperature SU(2)-Higgs model**

19:00-20:00

**Simulating an SO(3) Quantum Link Model with Dynamical Fermions in 2+1 Dimensions**

19:00-20:00

**Adjoint Correlators at Finite Temperature with Gradient Flow**

20:00