



# The 39th International Symposium on Lattice Field Theory (Lattice 2022)

## Tuesday, August 9, 2022

### Vacuum Structure, Confinement, and Chiral Symmetry: Vacuum Structure, Confinement, and Chiral Symmetry I -

CP1-HSZ/1st-1.001 - HS5 (2:00 PM - 4:00 PM)

-Conveners: Uwe-Jens Wiese

time	[id] title	presenter
2:00 P	[M3] Chiral Symmetry Breaking in QED induced by an External Magnetic Field	SINCLAIR, Donald
2:20 P	[M9] Towards glueball masses of large-N SU(N) Yang-Mills theories without topological freezing via parallel tempering on boundary conditions	Dr BONANNO, Claudio
2:40 P	[M32] Quarks and Triality in a Finite Volume	GHANBARPOUR, Milad
3:00 P	[M61] Emergent phenomena from centre vortices in dynamical QCD	KAMLEH, Waseem
3:20 P	[M73] Topological susceptibility in high temperature full QCD via staggered spectral projectors	D'ANGELO, Francesco

### Vacuum Structure, Confinement, and Chiral Symmetry: Vacuum Structure, Confinement, and Chiral Symmetry II -

CP1-HSZ/1st-1.001 - HS5 (4:30 PM - 6:30 PM)

-Conveners: Waseem Kamleh

time	[id] title	presenter
4:30 P	[M39] Numerical investigation of automatic fine-tuning in the Schwinger model	PIELMEIER, Niklas
4:50 P	[M63] Non-invertible self-duality defects of Cardy-Rabinovici model and mixed gravitational anomaly	HAYASHI, Yui
5:10 P	[M12] Topological susceptibility, scale setting and universality from $\text{Sp}(N_c=2N)$ gauge theories	VADACCHINO, Davide
5:30 P	[M28] Charged Particles in C-periodic Volumes	WIESE, Uwe-Jens
5:50 P	[M54] SU(N) fractional instantons	DASILVA GOLÁN, Jorge Luis