



# XVth Quark Confinement and the Hadron Spectrum

## Monday, 1 August 2022

### Parallels Track E: Monday II - AR G-101 (15:40 - 17:10)

-Conveners: robert pisarski

time	[id] title	presenter
15:40	[51] Search for QCD critical point by NA61/SHINE at the CERN SPS	Mr ADHIKARY, Haradhan
16:00	[174] NLO JIMWLK evolution with massive quarks	DAI, Lin
16:20	[58] NNLO HTLpt predictions for the curvature of the QCD phase transition line	STRICKLAND, Michael
16:50	[56] QCD factorization amplitudes from SU(3) symmetries	TETLALMATZI-XOLOCOTZI, Gilberto

# Tuesday, 2 August 2022

## Parallels Track E: Tuesday I - AR G-101 (14:00 - 15:00)

-Conveners: **Martin Hoferichter**

time	[id] title	presenter
14:00	[171] Short-distance constraints on the hadronic light-by-light	HERMANSSON-TRUEDSSON, Nils
14:20	[175] Reconciling the FOPT and CIPT predictions for the tau hadronic spectral function moments	Mr BENITEZ-RATHGEB, Miguel
14:40	[164] The two-photon decay of X(6900) from light-by-light scattering at the LHC	BILOSHYTSKYI, Volodymyr

## Parallels Track E: Tuesday II - AR G-101 (15:40 - 17:00)

-Conveners: **Michael Strickland**

time	[id] title	presenter
15:40	[67] Searching for a leptophobic U(1) <sub>B</sub> boson in $\eta(\prime) \rightarrow \pi^0\gamma\gamma$ and $\eta' \rightarrow \eta\gamma\gamma$	ESCRIBANO, Rafael
16:00	[53] Subleading twist TMDs in the light-front quark-diquark model	Dr DAHIYA, Harleen
16:40	[113] New results for Reggeons field using FRG	Dr CONTRERAS, Carlos VACCA, Gian Paolo

# Thursday, 4 August 2022

## Parallels Track E: Thursday I - AR G-101 (14:00 - 15:00)

-Conveners: William Jay

time	[id] title	presenter
14:00	[240] Direct CP violation in $K \rightarrow \pi\pi$ decay on the lattice with periodic boundary conditions	TOMII, Masaaki
14:30	[308] Review of Lattice QCD calculations for rare Kaon decays	HILL, Ryan

## Parallels Track E: Thursday II - AR G-101 (15:40 - 17:00)

-Conveners: Daniel Nogradi

time	[id] title	presenter
15:40	[172] Nucleon scalar and tensor couplings from lattice QCD at the physical point	TSUJI, Ryutaro
16:00	[307] New developments in heavy flavor physics.	JAY, William

# Friday, 5 August 2022

## Parallels Track E: Friday II - AR G-101 (15:40 - 17:00)

-Conveners: Masaaki Tomii

time	[id] title	presenter
15:40	[263] Preliminary Lattice QCD Study of $\chi$ Matrix Elements for Neutrinoless Double-Beta Decay	GREBE, Anthony
16:10	[161] The semi-classical topological susceptibility at high temperature revisited	NOGRADI, Daniel
16:30	[216] Topological susceptibility in high temperature QCD: a new investigation with spectral projectors	BONATI, Claudio