



# III International Workshop "Lattice and Functional Techniques for QCD"

## Wednesday, 12 October 2022

**LFTQCD Session - Room 1 - 209 (10:00 - 11:40)**

time	[id] title	presenter
10:00	[9] Monopoles, instantons, and eta-prime meson in external magnetic fields	HASEGAWA, Masayasu
10:20	[7] Monopole and monopoleless components of the lattice gauge field in the maximal Abelian gauge	BORNYAKOV, Vitaly
10:40	[5] Analytic Properties of the Quark Density in QC\$ <sub>2</sub> D and the Sign Problem	ROGALYOV, Roman
11:00	[14] TBA	
11:20	[4] Casimir effect in 3+1 dimensional lattice Abelian and non-Abelian gauge theories	TANASHKIN, Aleksei

# Thursday, 13 October 2022

## LFTQCD Session - Room 1 - 209 (11:15 - 12:55)

time	[id] title	presenter
11:15	[12] Various corners of QCD and 2 color QCD phase diagrams	Dr ZHOKHOV, Roman
11:35	[6] Spectral functions of the O(N) model from the functional renormalization group approach	LEBEDEV, Nikita
11:55	[10] Phase diagram of rotating QCD with $N_f = 2$ clover-improved Wilson fermions	Dr ROENKO, Artem
12:15	[8] Influence of relativistic rotation on the equation of state of gluodynamics	SYCHEV, Dmitrii
12:35	[13] Electromagnetic conductivity of dense quark-gluon plasma	Prof. BRAGUTA, Victor