



# QUARKS-2024

## Monday 20 May 2024

### QCD physics (18:10-19:25)

-Conveners: Maxim Perfilov

time	[id] title	presenter
18:10	[147] The HQCD running coupling in strong magnetic field	NIKOLAEV, Alexander
18:35	[149] Annihilation of leptons and hadrons	KOKOULINA, Elena

# Wednesday 22 May 2024

## QCD physics (12:35-14:05)

-Conveners: Andrej Arbuzov

time	[id] title	presenter
12:35	[99] Proton Spin Puzzle and solution to it	ERMOLAEV, Boris
13:05	[104] Gravitational formfactors and viscosity	TERYAEV, Oleg
13:35	[152] Electroweak transitions due to magnetic field: lattice results.	GOY, Vladimir

## QCD physics (16:00-17:40)

-Conveners: Sergey Mikhailov

time	[id] title	presenter
16:00	[105] Boundary effects in local CP violating bubbles of hadronic matter	NOVIKOV, Oleg
16:25	[106] Running Coupling for Holographic QCD with Light Quarks	SLEPOV, Pavel
16:50	[107] Renormalization group flows in holographic model for light/heavy quarks	USOVA, Marina
17:15	[109] Heavy quark holographic model for Running coupling and magnetic catalysis	HAJILOU, Ali

## QCD physics (18:10-19:25)

-Conveners: Boris Ermolaev

time	[id] title	presenter
18:10	[112] Phase diagram of two color and three color QCD	ZHOKHOV, Roman
18:35	[113] Phase transition for HQGP in magnetic field: magnetic catalysis for heavy quarks	RANNU, Kristina