



# Workshop "Exploring Quark-Gluon Plasma through soft and hard probes"

## Monday 29 May 2023

:: Early times (14:15-15:45)

-Conveners: **Jakub Cimerman**

time	[id] title	presenter
14:15	[22] Initialization and fluctuations of QGP fluids in Bjorken expansion	Prof. HIRANO, Tetsufumi
14:40	[23] How to explore initial stages and QGP anisotropy by using high-pt data?	Mr STOJKU, Stefan
15:00	[24] System size dependence of pre-equilibrium and applicability of hydrodynamics in HIC	Dr WERTHMANN, Clemens
15:20	[25] Interplay between core and corona from small to large colliding systems	Dr KANAKUBO, Yuuka

# Tuesday 30 May 2023

## :: High density (14:15-15:45)

-Conveners: Clemens Werthmann

time	[id] title	presenter
14:15	[38] Dileptons at low energies: prospects and challenges	Prof. TSERRUYA, Itzhak
14:45	[39] Fluctuations near the liquid-gas and chiral phase transitions in hadronic matter	Dr MARCZENKO, Michał
15:05	[40] Transport coefficients and comparison of the QGP evolution in transport and hydro approach	Dr SOLOVEVA, Olga
15:25	[41] MUFFIN: Next-generation multi-fluid hydrodynamic model for RHIC BES	Dr CIMERMAN, Jakub

**Wednesday 31 May 2023****:: Heavy quarks 2 (14:10-15:45)****-Conveners: Bojana Ilic**

time	[id] title	presenter
14:10	[54] A new microscopic approach to understand the quarkonium production in pp and AA collisions	Prof. AICHELIN, Joerg
14:35	[53] Recent developments in the theoretical modelling of quarkonia production	Prof. GOSSIAUX, Pol-Bernard
15:00	[55] Challenges in quarkonium and exotic-state production: from small to large systems	Prof. G. FERREIRO, Elena
15:25	[56] Heavy Quark Diffusion coefficient in light of Gribov-Zwanziger action	Dr BANDYOPADHYAY, Aritra