



# XIII International Conference on New Frontiers in Physics 2024

## Wednesday 28 August 2024

### Workshop on "Half a Century of QCD" - Room 2 (16:00 - 18:30)

-Conveners: Sonia Kabana

time	[id] title	presenter
16:00	[105] From Quarks to Quantum Chromodynamics	Prof. PLESSAS, Willibald
16:30	[176] From QED atoms to QCD hadrons	HOYER, Paul
17:10	[174] Symmetries of QCD	GLOZMAN, Leonid
17:50	[202] QCD Then and Now: From the Early Days to Present and Future	SHIFMAN, Michael SHIFMAN, Mikhail Misha

# Thursday 29 August 2024

## Workshop on "Half a Century of QCD" - Room 1 (09:00 - 10:30)

-Conveners: Paul Hoyer

time	[id] title	presenter
09:00	[106] Quantum Chromodynamics and the Constituent-Quark Model	Prof. PLESSAS, Willibald
09:45	[172] Some highlights of QCD in the non-perturbative low-energy regime	THOMAS, Anthony

## Workshop on "Half a Century of QCD" - Room 1 (10:45 - 13:00)

-Conveners: Leonid Glozman

time	[id] title	presenter
10:45	[218] Inclusive Precision QCD in the High-Energy Domain	Prof. BLUEMLEIN, Johannes

## Workshop on "Half a Century of QCD" - Room 1 (16:00 - 19:00)

-Conveners: Willibald Plessas

time	[id] title	presenter
16:00	[223] Chiral dynamics of nuclear systems	Prof. EPELBAUM, Evgeny
16:45	[162] Hadron Spectroscopy from Lattice QCD Simulations	Dr MADANAGOPALAN, Padmanath
17:30	[194] Proton structure using state-of-the-art lattice QCD simulations	ALEXANDROU, Constantia
18:15	[201] Hadron Spectroscopy, Hadron Dynamics, and the QCD Running Coupling from Holographic Light-Front QCD	BRODSKY, Stanley BRODSKY, Stanley J.

# Friday 30 August 2024

## Workshop on "Half a Century of QCD" - Room 2 (11:00 - 12:30)

time	[id] title	presenter
11:00	[199] Beth-Uhlenbeck approach to quark-hadron matter and chemical freeze-out in heavy-ion collisions	BLASCHKE, David
11:45	[186] QCD in dense media	KABANA, Sonia