

Session Program

Jul 26 - 28, 2023



**19th International Conference on
QCD in Extreme Conditions (XQCD 2023)**

**19th International Conference on QCD in
Extreme Conditions (XQCD 2023)**

Parallel session B

Department of Physics (University of Coimbra), Auditorium C.1

Wed, July 26

2:00 PM

Parallel session B: 1, Chair: Feliciano de Soto

Session |

Location: Department of Physics (University of Coimbra), Auditorium AD1, Department of Physics (University of Coimbra)

2:00 - 2:25 PM

Towards a universal description of hadronic phase of QCD

Speaker

Dr Aman Abhishek

2:25 - 2:50 PM

QCD equation of state at finite isospin density from the linear sigma model with quarks

Speaker

Aritra Bandyopadhyay

2:50 - 3:15 PM

Towards a Stability Analysis of Inhomogeneous Phases in QCD

Speaker

Theo Motta

3:15 PM

3:45 PM

Parallel session B: 2, Chair: Massimo Mannarelli

Session |

Location: Department of Physics (University of Coimbra), Auditorium AD1, Department of Physics (University of Coimbra)

3:45 - 4:10 PM

QCD with fundamental and adjoint matter

Speaker

Dr Mohamed Anber

4:10 - 4:35 PM

Interferometry in a Moat Regime

Speaker

Fabian Rennecke

5:00 PM

Thu, July 27

4:00 PM

Parallel session B: 3, Chair: Vivian Incera

Session |

Location: Department of Physics (University of Coimbra), Auditorium AD1, Department of Physics (University of Coimbra)

4:00 – 4:25 PM

Color-superconductivity of asymptotically conformal quark matter as a portal between astrophysics and heavy ions collisions

Speaker

Oleksii Ivanytskyi

4:25 – 4:50 PM

How baryons appear in low-energy QCD: Domain-wall Skyrmion phase in strong magnetic fields

Speaker

Kentaro Nishimura

4:50 PM

5:15 PM

Parallel session B: 4, Chair: Vivian Incera

Session |

Location: Department of Physics (University of Coimbra), Auditorium AD1, Department of Physics (University of Coimbra)

5:15 – 5:40 PM

The sharpness of the quark-hadron transition and the properties of hybrid stars

Speaker

Dr Fernando Navarra

5:40 – 6:05 PM

Do hadronic stars and strange quark stars coexist?

Speaker

Francesco Di Clemente

6:05 PM

Fri, July 28

2:00 PM

Parallel session B: 5, Chair: Maja Katarzyna Mackowiak-Pawlowska

Session |**Location:** Department of Physics (University of Coimbra), Auditorium AD1, Department of Physics (University of Coimbra)

2:00 – 2:25 PM

Universal properties of ideal hydrodynamic evolution near the QCD critical point

Speaker

Noriyuki Sogabe

2:25 – 2:50 PM

Does quark-gluon plasma feature an extended hydrodynamic regime?

Speaker

Dr Yi Yin

2:50 – 3:15 PM

Causality and stability in first-order conformal anisotropic hydrodynamics

Speaker

Masoud Shokri

3:15 – 3:40 PM

Centrality Dependence of Multistrange and Strange Antibaryon Production in Heavy-Ion Collisions at High Energies

Speaker

Prof. CARLOS MERINO

3:40 PM