

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)**

Plenary session

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

Wed, July 26

11:00 AM

Plenary session: 1, Chair: Gert Aarts

Session | **Location:** Department of Physics (University of Coimbra), Auditorium C.1

11:00 - 11:25 AM

Building a realistic neutron star from holography

Speaker

Andreas Schmitt

11:25 - 11:50 AM

Topology and robustness of a quark matter phase candidate for magnetars core

Speaker

Vivian Incera

11:50 AM - 12:15 PM

The critical endpoint at large N_c

Speaker

Dr Péter Kovács

12:15 PM

Thu, July 27

10:30 AM

Plenary session: 2, Chair: Efrain Ferrer

Session | **Location:** Department of Physics (University of Coimbra), Auditorium C.1

10:30 - 10:55 AM

Magnetic enhancement of baryon confinement modeled via a deformed Skyrmion

Speaker

Prof. Kenji Fukushima

10:55 - 11:20 AM

Hydrodynamics of fluctuations and maximum entropy freeze-out

Speaker

Misha Stephanov

11:20 - 11:45 AM

Jet quenching in glasma

Speaker

Stanislaw Mrowczynski

11:45 AM - 12:10 PM

Helicity conservation in relativistic perfect fluids

Speaker

Cristina Manuel

12:10 PM

Fri, July 28

10:15 AM

Plenary session: 3, Chair: Misha Stephanov

Session | **Location:** Department of Physics (University of Coimbra), Auditorium C.1

10:15 - 10:40 AM

Quarks in a finite volume and deconfinement as percolation of center-electric fluxes in QCD

Speaker

Prof. Lorenz von Smekal

10:40 - 11:05 AM

Topological structure of the QCD vacuum at finite temperature

Speaker

Dr Waseem Kamleh

11:05 - 11:30 AM

Anomalous Electromagnetism in QCD at intermediate baryonic densities

Speaker

Efrain J Ferrer

11:30 - 11:55 AM

Inhomogeneous meson condensation

Speaker

Massimo Mannarelli

11:55 AM

4:10 PM

Plenary session: Closing remarks

Session | **Location:** Department of Physics (University of Coimbra), Auditorium C.1

4:25 PM