

Session Program

26-28 Jul 2023



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

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

Invited Speaker Session

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

Wednesday 26 July

09:00

Invited Speaker Session: 1, Chair: Constança Providência

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

09:00–09:45

Anomalous kaon correlations measured in Pb-Pb collisions at the LHC as evidence for the melting and refreezing of the QCD vacuum

Speaker

Joseph Kapusta

09:45–10:30

Machine learning for lattice field theory and back

Speaker

Gert Aarts

10:30

Thursday 27 July

08:30

Invited Speaker Session: 2, Chair: Lorenz von Smekal

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

08:30–09:15 **Bose condensation in dense QCD**

Speaker

Prof. Jens Oluf Andersen

09:15–10:00

A novel technique to access the residual strong interaction among hadrons at the LHC

Speaker

Raffaele Del Grande

10:00

Friday 28 July

09:00

Invited Speaker Session: 3, Chair: Jens Andersen

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

09:45

09:00–09:45

Recent progress in lattice QCD at non-zero temperature and density

Speaker

Peter Petreczky