

## **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)**

### ***Invited Speaker Session***

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

## Wed, July 26

9:00 AM

### Invited Speaker Session: 1, Chair: Constança Providência

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

9:00 – 9:45 AM

**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

9:45 – 10:30 AM

**Machine learning for lattice field theory and back**

**Speaker**

Gert Aarts

10:30 AM

## Thu, July 27

8:30 AM

### Invited Speaker Session: 2, Chair: Lorenz von Smekal

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

8:30 - 9:15 AM **Bose condensation in dense QCD**

**Speaker**

Prof. Jens Oluf Andersen

9:15 - 10:00 AM

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

**Speaker**

Raffaele Del Grande

10:00 AM

## Fri, July 28

9:00 AM

### Invited Speaker Session: 3, Chair: Jens Andersen

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

9:45 AM

9:00 - 9:45 AM

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

**Speaker**

Peter Petreczky