

## **Session Program**

**3-9 Sept 2023**



## **Quark Matter 2023**

### ***Heavy Flavor***

Hilton of the Americas, 1600 Lamar, Houston, Texas, 77010, USA

# Tuesday 5 September

08:30

## Heavy Flavor: (1)

**Session** | **Location:** Hilton of the Americas, Ballroom D | **Convener:** Pol Gossiaux

08:30–08:50

### Recent charmonium measurements in Pb-Pb collisions with ALICE (remote)

**Speaker**

Xiaozhi Bai

08:50–09:10

### Studies of heavy quark dynamics using B mesons with the CMS experiment

**Speaker**

Tzu-An Sheng

09:10–09:30

### Probe parton propagation in heavy-ion collisions with ALICE heavy-flavour measurements (remote)

**Speaker**

Ravindra Singh

09:30–09:50

### Measurements of charm quark production and hadronization at CMS

**Speaker**

Soumik Chandra

09:50–10:10

### Heavy quark momentum diffusion coefficient during hydrodynamization via effective kinetic theory

**Speaker**

Jarkko Peuron

10:10–10:30

### Bottom hadro-chemistry in $\sqrt{s_{NN}}$ and PbPb collisions at the LHC (remote)

**Speaker**

Min He

10:30

11:00

## Heavy Flavor: (2)

**Session** | **Location:** Hilton of the Americas, Ballroom D | **Convener:** Federico Antinori

11:00–11:20

### Heavy Flavor and Quarkonia results from the PHENIX experiment

**Speaker**

Krista Lizbeth Smith

11:20–11:40

### Measurements of Charm Quark Interaction with the QGP in Heavy-Ion Collisions at STAR

**Speaker**

Yuan Su

11:40-12:00

**Beam energy dependence of heavy flavor production in Au+Au collisions at STAR**

**Speaker**

Yan Wang

12:00-12:20

**Quarkonia as probes of initial and final states in small systems with ALICE (remote)**

**Speaker**

Subikash Choudhury

12:20-12:40

**Modification of heavy quark hadronization in high multiplicity collisions at LHCb (remote)**

**Speaker**

Chenxi Gu

12:40-13:00

**New LHCb results on quarkonia production in pp and pPb collisions**

**Speaker**

Cesar Luiz Da Silva

13:00-13:20

**Heavy Flavor machine learning algorithms for Fast Data Processing in sPHENIX**

**Speaker**

Cameron Dean

13:20

# Wednesday 6 September

08:30

## Heavy Flavor: (3)

**Session** | **Location:** Hilton of the Americas, Ballroom D | **Convener:** Ralf Rapp

08:30–08:50

### Probing parton formation times with $\rightarrow c\bar{c}$ splitting

**Speaker**

Dr Wilke Van Der Schee

08:50–09:10

### First energy-energy correlators measurements for inclusive and heavy-flavour tagged jets with ALICE

**Speaker**

Wenqing Fan

09:10–09:30

### Microscopic Model for Quarkonia Production in Heavy-Ion collisions

**Speaker**

Joerg Aichelin

09:30–09:50

### Event-by-event heavy-flavour dynamics: estimating the spatial diffusion coefficient $D_s$ from charm to the infinite mass limit

**Speaker**

Vincenzo Minissale

09:50–10:10

### Heavy-flavor transport and hadronization in proton-proton collisions

**Speaker**

Andrea Beraudo

10:10–10:30

### A fluid-dynamic approach to heavy-quark diffusion in the quark-gluon plasma

**Speaker**

Federica Capellino

10:30

16:30

## Heavy Flavor: (4)

**Session** | **Location:** Hilton of the Americas, Ballroom D | **Convener:** Elena Gonzalez Ferreiro

16:30–16:50

### Measurements of prompt and nonprompt $\mathcal{D}^0$ mesons production and collective flow with CMS at 5.02 TeV

**Speaker**

Milan Stojanovic

16:50–17:10

### Heavy-flavor jet substructure for probing the flavour dependences of QCD parton showers with ALICE

**Speaker**

Nima Zardoshti

17:10-17:30

**Studies of the relative suppression of excited quarkonium states in pPb collisions with CMS**

**Speaker**

Ota Kukral

17:30-17:50

**T-matrix Analysis of Static Wilson Line Correlators from Lattice QCD at Finite Temperature**

**Speaker**

Zhanduo Tang

17:50-18:10

**Quarkonium transport in weakly and strongly coupled plasmas**

**Speaker**

Bruno Sebastian Scheiing Hitschfeld

18:10