

## Session Program

4-10 Apr 2022



29TH INTERNATIONAL  
CONFERENCE ON ULTRARELATIVISTIC  
NUCLEUS - NUCLEUS COLLISIONS

APRIL 4-10, 2022

KRAKÓW, POLAND

## QM 2022

### ***Parallel Session T11: Heavy flavors, quarkonia, and strangeness production***

Auditorium Maximum UJ  
Krakow, Poland

## Wednesday 6 April

12:10

### Parallel Session T11: Heavy flavors, quarkonia, and strangeness production: I

Session | Location: Auditorium Maximum UJ, medium aula A | Convener: Marek Kowalski

12:10-12:30

#### Beauty production in heavy-ion collisions with ALICE at the LHC

**Speaker**

Xinye Peng

12:30-12:50

#### Evidence for top quark production in nucleus-nucleus collisions with the CMS experiment

**Speaker**

Luis Alcerro Alcerro

12:50-13:10

#### The statistical hadronization model and beauty hadrons: a case for partial equilibration of b-quarks?

**Speaker**

Anton Andronic

13:10

## Thursday 7 April

09:00

### Parallel Session T11: Heavy flavors, quarkonia, and strangeness production: II

Session | Location: Auditorium Maximum UJ, medium aula B | Convener: Joerg Aichelin

09:00–09:20

#### Charm production: constraint to transport models and charm diffusion coefficient with ALICE

**Speaker**

Lucas Anne Vermunt

09:20–09:40

#### Measurements of heavy-flavor quark probes of the QGP with the ATLAS detector

**Speaker**

Qipeng Hu

09:40–10:00

#### Detailed study of Upsilon suppression with the measurement of the $\Upsilon(3S)$ meson in PbPb collisions at 5.02 TeV in CMS

**Speaker**

Soohwan Lee

10:00–10:20

#### Production of exotic hadrons in high multiplicity $pp$ and $pPb$ collisions at LHCb

**Speaker**

Eliane Epple

10:20–10:40

#### Studies of heavy quark dynamics using $B^+$ , $B^0_s$ and $B_c$ mesons with the CMS detector

**Speaker**

Tzu-An Sheng

10:40

11:10

### Parallel Session T11: Heavy flavors, quarkonia, and strangeness production: III

Session | Location: Auditorium Maximum UJ, medium aula B | Convener: Enrico Scomparin

11:10–11:30

#### Constraining hadronization processes with charm baryons in $pp$ and $pPb$ collisions with ALICE

**Speaker**

Mattia Faggin

11:30–11:50

#### Measurements of $\Lambda_c^+$ and $X(3872)$ production in PbPb for the studies of charm hadronization with CMS

**Speaker**

Jing Wang

11:50-12:10  **$\Upsilon(nS)$  meson production in Pb+Pb and ppp collisions**

**Speaker**

Alexandre Lebedev

12:10-12:30

**An Investigation of Charm Quark Jet Spectrum and Shape Modifications in Au+Au Collisions at  $\sqrt{s_{NN}} = 200$  GeV**

**Speaker**

Diptanil Roy

12:30-12:50

**Heavy quarkonium dynamics in the QGP with a quantum master equation approach**

**Speaker**

Stéphane DELORME

12:50-13:10

**Studies of heavy quark diffusion in QGP with nonprompt  $D^0$  collectivity and jet- $D^0$  angular correlations in PbPb collisions**

**Speaker**

Milan Stojanovic

13:10

14:40

## Parallel Session T11: Heavy flavors, quarkonia, and strangeness production: IV

**Session** | **Location:** Auditorium Maximum UJ, medium aula B | **Convener:** Elena Bratkovskaya

14:40-15:00

**Charmonium production in Pb-Pb collisions with ALICE**

**Speaker**

Jon-Are Saetre

15:00-15:20

**Heavy flavor production at LHCb**

**Speaker**

Benjamin Audurier

15:20-15:40

**New measurements in fixed-target collisions at LHCb**

**Speaker**

Jiayin Sun

15:40-16:00

**$J/\psi$  Forward rapidity azimuthal anisotropy in Au+Au collisions and multiplicity dependence in p+p and p+Au at  $\sqrt{s_{NN}}=200$  GeV measured by the PHENIX Experiment**

**Speaker**

Luis Bichon

16:00-16:20

**Recent heavy flavor results from the STAR experiment**

**Speaker**

Ziyue Zhang

16:20