

## **Session Program**

**7-14 Sept 2018**



## **Hot Quarks 2018**

***Session***

# Saturday 8 September

16:30

## Session: jets

Session | Convener: Alessandro Grelli

16:35–16:55

### Simulations of energy loses in the bulk nuclear medium using hydrodynamics on the Graphics Cards (GPU)

**Speaker**

Marcin Slodkowski

16:55–17:15

### Study of azimuthal anisotropy for charged hadrons at high $p_T$ in Au + Au collisions at $\sqrt{s_{NN}} = 200\text{GeV}$ at RHIC-PHENIX

**Speaker**

Ms Risa Nishitani

17:15–17:35

### Study of in-medium energy loss with heavy-flavour correlations in pp and Pb-Pb collisions with ALICE at the LHC

**Speaker**

Samrangy Sadhu

17:35–18:00

### Coffee Break

18:00–18:20

### Fragmentation of jets containing J/Psi mesons with CMS

**Speaker**

Inna Kucher

18:20–18:40

### Improved Event-Mixing for Resonance Yield Extraction

**Speaker**

Adrian Fereydon Nassirpour

18:40–19:30

### Discussion session

20:00

# Sunday 9 September

16:30

## Session: Initial State, CGC, jets

Session | Convener: Jana Bielcikova

16:30–16:50

### Higher order flow correlations and their non-linear modes in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV with ALICE

**Speaker**

Jasper Parkkila

16:50–17:10

### Non-extensive Motivated Parton Fragmentation Functions

**Speaker**

Ádám Takács

17:10–17:30

### Labelled multi-particle cumulants and some applications

**Speaker**

Jacopo Margutti

17:30–17:55

### Coffee Break

17:55–18:15

### Fluctuations and azimuthally dependent two-particle correlations

**Speaker**

Steffen Feld

18:15–18:35

### Studies of Heavy-Flavor Jets Using D0-Hadron Correlations in Azimuth and Pseudorapidity in Au+Au Collisions at 200 GeV at the STAR Experiment

**Speaker**

Alexander Jentsch

18:35–19:35

### Discussion

20:00

# Monday 10 September

16:30

## Session: Hydrodynamics, collectivity

Session | Convener: Hannah Petersen

16:30–16:50 **Testing a best-fit hydrodynamical model using new observables**

**Speaker**

Tiago Jose Nunes da Silva

16:50–17:10

**The fate of axial  $U(1)$  and the topological susceptibility in QCD with two light quarks**

**Speaker**

Lukas Mazur

17:10–17:30

**$\Lambda(1520)$  suppression in Pb-Pb collisions: probing the evolution of heavy-ion collisions with hadronic resonances**

**Speaker**

Neelima Agrawal

17:30–17:55

**Coffee Break**

17:55–18:15

**Low shear viscosity from perturbative QCD**

**Speaker**

Greg Jackson

18:15–18:35

**Anisotropic flow in the few collisions regime**

**Speaker**

Nina Kersting

18:35–19:35

**Discussion**

20:00

# Wednesday 12 September

16:30

## Session: Heavy flavor, dileptons, photons, jets

Session | Convener: Alessandro Grelli

16:30–16:50

### Heavy hadrons production by coalescence plus fragmentation in AA collisions at RHIC and LHC

**Speaker**

Vincenzo Minissale

16:50–17:10

### Characterising charm jet properties with azimuthal correlations of D mesons and charged particles with ALICE at LHC

**Speaker**

Shyam Kumar

17:10–17:30

### Multiplicity dependence of heavy-flavour and charged particle correlations and collective effects in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with ALICE at LHC

**Speaker**

Marianna Mazzilli

17:30–17:55

### Coffee Break

17:55–18:15

### Direct photons at the PHENIX experiment: From Large to Small systems

**Speaker**

Veronica Canoa Roman

18:15–18:35

### Direct photon measurements with the ALICE Experiment at LHC

**Speaker**

Erwann Masson

18:35–19:35

### Discussion

20:00

# Thursday 13 September

16:30

## Session: UPC, jets, heavy-flavours

Session | Convener: Alessandro Grelli

16:30–16:50 **Anti- and hyper- nuclei production at the LHC with ALICE**

**Speaker**

Luca Barioglio

16:50–17:10

**Psi(2S) production in p-Pb and Pb-Pb collisions as a function of transverse momentum, rapidity and centrality**

**Speaker**

Luca Micheletti

17:10–17:30

**Measurement of  $\Lambda_c$  baryon in p-Pb collisions with ALICE at the LHC**

**Speaker**

Christopher Hills

17:30–17:35

**Info last day- check out**

17:35–17:55

**Coffee Break**

17:55–18:15

**Kaon Isospin Fluctuations in Pb-Pb Collisions at  $\sqrt{s_{NN}} = 2.76$  TeV with ALICE at the LHC**

**Speaker**

Ranjit Nayak

18:15–18:35

**Measurements of open bottom hadron production through multiple decay channels in Au+Au collisions at  $\sqrt{s_{NN}} = 200$  GeV with the STAR experiment**

**Speaker**

Shenghui Zhang

18:35–19:35

**Discussion**

20:05