

Session Program

13-19 May 2018



Quark Matter 2018

Collectivity in small systems

Venice, Italy
Palazzo del Cinema and Palazzo del Casinò, Lido di Venezia, Italy

Monday 14 May

16:30

Collectivity in small systems: I

Session | **Location:** Palazzo del Casinò, Sala Mosaici-1, 3rd Floor | **Convener:** Urs Wiedemann

16:30-16:50

Elliptic flow coefficients of identified hadrons in pp and p-Pb collisions measured with ALICE

Speaker

Vojtech Pacik

16:50-17:10

A Quasiparticle Transport Explanation for Collectivity in the Smallest of Collision Systems ($p+p$ and e^+e^-)

Speaker

James Lawrence Nagle

17:10-17:30

Implications for small-system collectivity from a comprehensive set of soft physics measurements in a wide rapidity range in 200 GeV $p+Au$ collisions by PHENIX

Speaker

Qiao Xu

17:30-17:50

Long-range azimuthal anisotropy of charm and strange hadrons in pPb collisions with the CMS detector

Speaker

Wei Li

17:50-18:10

Correlated gluonic hot spots meet symmetric cumulants data at LHC energies

Speaker

Alba Soto Ontoso

18:10-18:30

Multiplicity dependence of strangeness and hadronic resonance production in pp and p-Pb collisions with ALICE at the LHC

Speaker

Ajay Kumar Dash

18:30

Tuesday 15 May

11:10

Collectivity in small systems: II

Session | **Location:** Palazzo del Casinò, Sala Mosaici-2, 3rd Floor | **Convener:** James Lawrence Nagle

11:10-11:30

PHENIX Results on elliptic and triangular flow from the small-system geometry scan at 200 GeV

Speaker

Sylvia Irene Morrow

11:30-11:50

Long-range Collectivity in Small Collision Systems with Two- and Four-particle Correlations at STAR

Speaker

Shengli Huang

11:50-12:10

Measurement of four-particle cumulants and symmetric cumulants with subevent methods in small collision systems with the ATLAS detector

Speaker

Dominik Karol Derendarz

12:10-12:30

Long-range angular correlations of charged particles in high multiplicity e+e- collisions using archived data from the ALEPH detector at LEP

Speaker

Yen-Jie Lee

12:30-12:50

Correlated azimuthal anisotropies with subevent cumulants in pp and pPb collisions with the CMS experiment

Speaker

Dr Maxime Guilbaud

12:50-13:10

ALICE measurements of flow coefficients and their inter-correlations in small (pp and p-Pb) and large (Xe-Xe and Pb-Pb) collision systems

Speaker

Katarina Gajdosova

13:10

14:40

Collectivity in small systems: III

Session | **Location:** Palazzo del Casinò, Sala Mosaici-1, 3rd Floor | **Convener:** Jun Takahashi

14:40-15:00

Multiplicity dependence of azimuthal particle correlations as a probe of collectivity in deep inelastic electron-proton collisions at HERA

Speaker

Jacobus Onderwaater

15:00–15:20

Importance of initial and final state effects for azimuthal correlations in p+Pb collisions**Speaker**

Moritz Greif

15:20–15:40

Multi-particle correlations and collectivity in pA collisions from an initial state parton model**Speaker**

Mark Mace

15:40–16:00

Measurement of long-range correlations in pp collisions characterized by presence of a Z boson with the ATLAS detector**Speaker**

Brian Cole

16:00–16:20

Microscopic collectivity: The ridge and strangeness enhancement from string-string interactions in Pythia8**Speaker**

Christian Bierlich

16:20–16:40

Estimating nucleon substructure properties in a unified hydrodynamic model of p+Pb and Pb+Pb collisions**Speaker**

Scott Moreland

16:40–17:00

Event-shape, multiplicity-, and energy-dependent production of (un)identified particles in pp collisions with ALICE at the LHC**Speaker**

Gyula Bencedi

17:00