

The 34th Winter Workshop on Nuclear Dynamics



Report of Contributions

Contribution ID: 1

Type: **not specified**

Reception dinner

Sunday, 25 March 2018 18:00 (2 hours)

Contribution ID: 2

Type: **not specified**

Rare Particle Production in Relativistic Particle Collisions through Entanglement

Monday, 26 March 2018 09:00 (30 minutes)

Presenter: BELLWIED, Rene (University of Houston (US))

Contribution ID: 3

Type: **not specified**

Recent results on the properties of strongly interacting matter from first principles

Monday, 26 March 2018 10:30 (30 minutes)

Presenter: RATTI, Claudia (University of Houston)

Contribution ID: 4

Type: **not specified**

Lattice thermodynamics at finite chemical potential from analytical Continuation

Monday, 26 March 2018 09:30 (30 minutes)

Presenter: GUENTHER, Jana (Regensburg University (Germany))

Contribution ID: 5

Type: **not specified**

QCD Equation of State and Hadron Resonance gas

Monday, 26 March 2018 11:00 (30 minutes)

Presenter: PETRECZKY, Peter (BNL)

Contribution ID: 6

Type: **not specified**

Cluster and hypernuclei production within PHQMD

Monday, 26 March 2018 17:30 (30 minutes)

Presenter: AICHELIN, joerg (Subatech/CNRS)

Contribution ID: 7

Type: **not specified**

Electromagnetic emissivity of hot and dense matter

Monday, 26 March 2018 18:00 (30 minutes)

Presenter: BRATKOVSKAYA, Elena (FIAS)

Contribution ID: 8

Type: **not specified**

System size dependence of particle production in EPOS

Monday, 26 March 2018 18:30 (30 minutes)

Presenter: WERNER, Klaus

Contribution ID: 9

Type: **not specified**

Overview of low pT photon results from PHENIX at RHIC

Tuesday, 27 March 2018 18:30 (30 minutes)

Presenter: SAKAGUCHI, Takao (BNL)

Contribution ID: 10

Type: **not specified**

Quarkonia regeneration and dissociation within a Langevin framework

Tuesday, 27 March 2018 09:00 (30 minutes)

Presenter: GREINER, Carsten (University of Frankfurt)

Contribution ID: 11

Type: **not specified**

QCD critical point, fluctuations and hydrodynamics

Tuesday, 27 March 2018 09:30 (30 minutes)

Presenter: STEPHANOV, Misha (UIC)

Contribution ID: 12

Type: **not specified**

Nuclear modification factors of strange and multi-strange particles in pPb collisions with the CMS experiment

Tuesday, 27 March 2018 10:30 (30 minutes)

Presenter: NI, Hong (Vanderbilt University (US))

Contribution ID: 13

Type: **not specified**

PHENIX results on collectively in small systems

Tuesday, 27 March 2018 11:00 (30 minutes)

Presenter: PENG, Weizhuang (Vanderbilt University (US))

Contribution ID: 14

Type: **not specified**

Pseudo-rapidity dependence of anisotropic flow in Pb-Pb collisions at the LHC

Friday, 30 March 2018 17:30 (30 minutes)

Presenter: BOURJAU, Christian (University of Copenhagen (DK))

Contribution ID: 15

Type: **not specified**

TBA

Presenter: TIMMINS, Anthony Robert (University of Houston (US))

Contribution ID: 16

Type: **not specified**

Study of the confinement-deconfinement transition in dense medium by means of lattice two-color QCD

Tuesday, 27 March 2018 18:00 (30 minutes)

Presenter: KOTOV, Andrey

Contribution ID: 17

Type: **not specified**

Recent PHENIX results on high- p_T π^0 and η production in Cu+Au and U+U collisions

Thursday, 29 March 2018 11:00 (30 minutes)

Presenter: SARSOOR, Murad (Georgia State University)

Contribution ID: **18**

Type: **not specified**

Quarkonium in A-A collisions with ALICE

Wednesday, 28 March 2018 09:00 (30 minutes)

Presenter: FRANCISCO, Audrey (Subatech, IN2P3-CNRS (FR))

Contribution ID: 19

Type: **not specified**

The role of correlations in disentangling between heavy-flavor energy-loss Models

Wednesday, 28 March 2018 09:30 (30 minutes)

Presenter: GOSSIAUX, Pol (Subatech)

Contribution ID: 20

Type: **not specified**

Open heavy flavour production in heavy-ion collisions with ALICE

Wednesday, 28 March 2018 10:30 (30 minutes)

Presenter: VOLKL, Martin Andreas (Eberhards Karls Universiy Tübingen (DE))

Contribution ID: 21

Type: **not specified**

PHENIX quarkonia results in small collision systems

Presenter: LIM, Sang Hoon (Los Alamos National Lab)

Contribution ID: 22

Type: **not specified**

Transport coefficients in a Polykov loop quark meson coupling model

Presenter: MISHRA, Hiranmaya (Physical Research Laboratory Ahmedabad India)

Contribution ID: 23

Type: **not specified**

Latest results on quarkonium production from CMS

Wednesday, 28 March 2018 17:30 (30 minutes)

Presenter: MOON, Dong Ho (Chonnam National University (KR))

Contribution ID: 24

Type: **not specified**

PHENIX Measurements of Bottom and Charm Quark Production

Wednesday, 28 March 2018 18:00 (30 minutes)

Presenter: RINN, Timothy (Iowa State University)

Contribution ID: 25

Type: **not specified**

Recent results on hard processes in p+Pb, Pb+Pb, and photon-photon collisions from the ATLAS Experiment at the LHC

Wednesday, 28 March 2018 18:30 (30 minutes)

Presenter: HAVENER, Laura Brittany (Columbia University (US))

Contribution ID: 26

Type: **not specified**

Studying jet formation in the medium with help of correlation and jet shape observables measured by the ALICE experiment

Thursday, 29 March 2018 09:00 (30 minutes)

Presenter: EPPLE, Eliane (Yale University)

Contribution ID: 27

Type: **not specified**

Inverting the mass hierarchy of jet quenching effects with prompt b-jet Substructure

Thursday, 29 March 2018 09:30 (30 minutes)

Presenter: VITEV, Ivan (Los Alamos National Lab)

Contribution ID: 28

Type: **not specified**

Azimuthal correlations of longitudinal structure at mid-rapidity in Pb-Pb collisions at 2.76 TeV with ALICE

Thursday, 29 March 2018 10:30 (30 minutes)

Presenter: OH, Saehanseul (Yale University - BNL)

Contribution ID: 29

Type: **not specified**

Recent results on correlations and fluctuations in pp, p+Pb, and Pb+Pb collisions from the ATLAS Experiment at the LHC

Presenter: MOHAPATRA, Soumya (Columbia University (US))

Contribution ID: **30**

Type: **not specified**

Latest Minimum Bias and Underlying Event Measurements with the ATLAS Detector

Thursday, 29 March 2018 17:30 (30 minutes)

Presenter: CAIRO, Valentina (The State University of New York SUNY (US))

Contribution ID: 31

Type: **not specified**

PHENIX results on jet modification with π^0 and photon-triggered two particle Correlations

Thursday, 29 March 2018 18:00 (30 minutes)

Presenter: Mr DANLEY, Tyler (Ohio University)

Contribution ID: 32

Type: **not specified**

Direct photon production at low p_T in pp collisions at $\sqrt{s} = 2.76$ and 8 TeV with ALICE

Thursday, 29 March 2018 18:30 (30 minutes)

Presenter: SCHMIDT, Nicolas (ORNL)

Contribution ID: 33

Type: **not specified**

Hadron modifications in heavy ion collisions

Presenter: MUSULMANBEKOV, Genis (JINR)

Contribution ID: 34

Type: **not specified**

Estimating the initial tilt of the fireball and electromagnetic fields by heavy flavor directed flow

Presenter: CHATTERJEE, Sandeep (AGH University of Science and Technology, Krakow)

Contribution ID: 35

Type: **not specified**

PHENIX Flow Results from the d+Au Beam Energy Scan

Friday, 30 March 2018 09:30 (30 minutes)

Presenter: MCGLINCHEY, Darren (Florida State University)

Contribution ID: 36

Type: **not specified**

Particle production in high energy collisions: from low to high p_T

Friday, 30 March 2018 10:30 (30 minutes)

Presenter: JALLIAN-MARIAN, Jamal (Baruch College)

Contribution ID: 37

Type: **not specified**

Overview for PHENIX Spin Results

Presenter: Dr YU, Haiwang (New Mexico State University)

Contribution ID: **38**

Type: **not specified**

Lévy analysis of two- and three-particle Bose-Einstein correlations with PHENIX

Friday, 30 March 2018 11:00 (30 minutes)

Presenter: CSANAD, Mate (Eotvos University, Budapest)

Contribution ID: 39

Type: **not specified**

New analytic solution of (linearised) Balistky-Kovchegov equation

Friday, 30 March 2018 18:30 (30 minutes)

Presenter: SIDDIQAH, Mariyah (Aligarh Muslim University)

Contribution ID: 40

Type: **not specified**

Black-disk asymptotics of unintegrated dipole gluon distribution

Friday, 30 March 2018 18:00 (30 minutes)

Presenter: Dr ABIR, Raktim (Aligarh Muslim University)

Contribution ID: 41

Type: **not specified**

TBA

Presenter: CHANDRA, Vinod (IIT Gandhinagar, India)

Contribution ID: 42

Type: **not specified**

sPHENIX - a new jet detector at RHIC

Friday, 30 March 2018 09:00 (30 minutes)

Presenter: NATTRASS, Christine (University of Tennessee (US))

Contribution ID: 43

Type: **not specified**

Overview for PHENIX Spin Results

Tuesday, 27 March 2018 17:30 (30 minutes)

Presenter: SARSOUR, Murad (Georgia State University)

Contribution ID: 44

Type: **not specified**

Event topology reconstruction in the CBM experiment

Wednesday, 28 March 2018 11:00 (30 minutes)

Presenter: Prof. KISEL, Ivan (Johann-Wolfgang-Goethe Univ. (DE))