

## **Session Program**

**September 27, 2015 to October 3, 2015**



# **Quark Matter 2015 - XXV International Conference on Ultrarelativistic Nucleus-Nucleus Collisions**

## ***Poster Session***

Kobe, Fashion Mart, Japan

# Tue, September 29

4:30 PM

## Poster Session

Poster Session | Location: Exhibition space 3 & 4

### Jet fragmentation measurements in p+Pb collisions with ATLAS

**Speaker**

Martin Rybar

### Measurement of the dependence of transverse energy production at large pseudorapidity on the hard scattering kinematics of proton-proton collisions at $\sqrt{s} = 2.76$ TeV with ATLAS

### Inclusive charged hadron production in lead-lead collisions with the ATLAS detector

### ATLAS measurement of the pseudorapidity multiplicity correlation in Pb+Pb collisions

**Speaker**

Mingliang Zhou

### Nuclear Modification of Light-Flavor Hadron Production at the ALICE Experiment

**Speaker**

Simone Schuchmann

### A new Riemann solver for ultrarelativistic nuclear collisions

**Speaker**

Zuzana Feckova

### Fate of meson states and broken symmetries at high temperature

**Speaker**

Dr Yu Maezawa

### $K^*(892)^0$ production at high transverse momentum in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV

**Speaker**

Kishora Nayak

### Transverse momentum distribution of charged particles in pp collisions at $\sqrt{s} = 13$ TeV with ALICE at the LHC

**Speaker**

Julius Maximilian Gronefeld

### The mixing effects of scalar mesons in a Skyrme model

**Speaker**

Dr BingRan He

### Renormalization and temperature dependence of dimension 6 gluon operators

**Speaker**

Mr HyungJoo Kim

### **Yang-Lee Zeros and Phase Boundary From Net-Baryon Number Multiplicity Distribution**

**Speaker**

Kenji Morita

### **Universality of particle production and energy balance in hadronic and nuclear collisions**

**Speaker**

Edward Grinbaum Sarkisyan

### **QCD Kondo effect in quark matter with heavy flavor impurities**

**Speaker**

Shigehiro Yasui

### **Quantifying deviations from local equilibration in a coarse-grained transport approach**

**Speaker**

Dmytro Oliinychenko

### **$\Omega$ -N Interaction from Relativistic Heavy Ion Collisions**

**Speaker**

Kenji Morita

### **Development of a low noise highly pixelated electrode array for high energy physics**

**Speaker**

Mr Shuguang Zou

### **Violations of geometric scaling in the production of high-pT jets in 200 GeV d+Au collisions with the PHENIX detector**

**Speaker**

Dennis Vadimovich Perepelitsa

### **Centrality dependence of photon anisotropic flow at RHIC**

**Speaker**

Rupa Chatterjee

### **Evolution of net-charge fluctuations in heavy ion collisions**

**Speaker**

Deepika Jena

### **A new cold atom experiment to study the hot quark-gluon plasma**

**Speaker**

Fuqiang Wang

### **Sensitivity of flow harmonics to sub-nucleon scale fluctuations in heavy ion collisions**

**Speaker**

Dr Jacquelyn Noronha-Hostler

### **Initial state elliptic flow from instabilities of saturation dynamics**

**Speaker**

Prof. Giorgio Torrieri

### Heavy flavor electron $R_{AA}$ and $v_2$ in event-by-event relativistic hydrodynamics

**Speaker**

Caio Alves Garcia Prado

### Mott-Hagedorn resonance gas and lattice QCD thermodynamics

**Speaker**

Ludwik Turko

### MC study of proton-Nitrogen collisions at RHIC for cosmic-ray physics

**Speaker**

Mr Takuya SUZUKI

### Derivation of Causal Hydrodynamic Equation by Renormalization Group Method

**Speaker**

Yuta Kikuchi

### NLO correction to the radiative energy loss using MHV calculation

**Speaker**

Andriniaina Narindra Rasoanaivo

### Viscous Leptons and Fluid-like Photons in the Strongly Coupled Quark Gluon Plasma

**Speaker**

Dr Di-Lun Yang

### Interpreting single jet measurements in heavy ion collisions

**Speaker**

Martin Spousta

### Fluctuations, Instabilities and Collective Dynamics

**Speaker**

LaszloPal Csernai

### Interpretation of charmonium like states as a dimesonic molecules

**Speaker**

Mr Dharmesh Rathaud

### Chiral Hall Effect and Chiral Electric Waves in Strongly Coupled Plasmas

**Speaker**

Dr Di-Lun Yang

### Gauge invariant non-perturbative production rate of photons and dileptons above $T_{\text{rc}}$

**Speaker**

Mr Taekwang Kim

### Single electrons from heavy flavor decays in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV in PHENIX RUN14 data

**Speaker**

Kazuya Nagashima

### Medium Effects on Transport Coefficients of a Hadron Gas

**Speaker**

Dr Sourav Sarkar

**Elliptic flow in heavy ion collisions at SIS100/300 energies****Speaker**

Dr Valerica Baban

**Complex heavy quark potential at high temperature from lattice QCD and its consequences for phenomenology.****Speaker**

Alexander Rothkopf

**Midrapidity Hyperon Production in pp and pA Collisions from Low to LHC Energies****Speaker**

Prof. Carlos Merino

**The influence of broad resonances on strangeness fluctuations****Speaker**

Pok Man Lo

**Event-by-event extraction of kinetic and chemical freeze-out properties in the CBM experiment****Speaker**

Ivan Kisel

**Measurement of  $D^0$  meson elliptic anisotropy in Au+Au collisions at  $\sqrt{s_{NN}}=200$  GeV from STAR using the two-particle correlation method****Speaker**

Liang He

**Chemical potential dependence of the critical quark mass with Many flavor approach****Speaker**

Ryo IWAMI

**Study of high density phase transition in lattice QCD with canonical approach****Speaker**

Yusuke Taniguchi

**Tomography of the Quark-Gluon-Plasma by Charm Quarks****Speaker**

Elena Bratkovskaya

**Photon production from the quark-gluon plasma using (3+1) dimensional anisotropic dissipative hydrodynamics****Speakers**

Dr Michael Strickland, Dr Radoslaw Ryblewski

**vHLE, a code for hydrodynamic modelling of relativistic heavy ion collisions****Speaker**

Iurii Karpenko

**Beyond the thermal model**

**Speaker**

Georg Wolschin

**Localized event-by-event charge separation in Au+Au collisions at 200 GeV****Speaker**

Madan Aggarwal

**Exotic hadrons and/or molecules from relativistic heavy ion collisions****Speaker**

Shigehiro Yasui

**Cosmic Phase Transition- a hint of Cold Dark Matter in the Standard model****Speaker**

Bikash Sinha

**Study the particle transverse-momentum spectra at LHC with nonextensive statistics****Speaker**

Zebo Tang

**Baryon number cumulant ratios at finite density in the strong-coupling lattice QCD****Speaker**

Akira Ohnishi

**Reaction-diffusion equation for quark-hadron transition in heavy-ion collisions****Speaker**

ARPAN DAS

**Effects of phase transition induced density fluctuations on pulsar dynamics****Speaker**

ARPAN DAS

**Quarkonia Disintegration due to time dependence of the  $q \bar{q}$  potential in Relativistic Heavy Ion Collisions****Speaker**

Partha Bagchi

**Speed of Sound at Chiral Phase Transition****Speaker**

Kenji Morita

**Effects of Momentum Cuts on Higher Order Cumulants of Conserved Charges****Speaker**

Kenji Morita

**Are charmed mesons thermalized in heavy ion collisions at RHIC and LHC?****Speaker**

Igor Lokhtin

**Multi-strange hyperon production at FAIR energies****Speaker**

Ms Hushnud Jahan

**Charm decay leptons in pA collisions within the CGC framework****Speaker**

Hirotsugu Fujii

**The ridges in pp, pPb and PbPb at CMS****Speaker**

Sandra Padula

**Non-Gaussian fluctuation in stochastic diffusion equation****Speaker**

Mr Hiroshi Horii

**Effects of soft/hard correlation and initial state geometry on heavy quark observables****Speaker**

Weiyao Ke

**Non-Markov effect on time evolution of conserved-charge fluctuations in heavy ion collisions****Speaker**

Miki Sakaïda

**Quark Pair Production from Expanding Electromagnetic Flux Tube****Speaker**

Mr Hidetoshi Taya

**Chiral Electric Separation Effect****Speaker**

Xu-Guang Huang

**Masses and Decay Constants of  $B_s$  Mesons****Speaker**

Mr Virendrasinh Kher

**Probing Pb+Pb collisions at  $\sqrt{s_{\text{NN}}} = 2.76$  TeV using spectator neutrons****Speaker**

Bedangadas Mohanty

 **$\Lambda$ - $\bar{\Lambda}$  Correlation in High Energy Heavy Ion Collisions****Speaker**

Kenji Morita

**A small current measurement system for gaseous micropattern detectors suitable for operation at high voltages****Speaker**

Nikola Poljak

**Nuclear Symmetry Energy in QCD degree of freedom****Speaker**

Mr Kie Sang Jeong

**Nuclear modification of jet structure in proton-lead collisions at the LHC**

**Speaker**

Guang-You Qin

**FRG Approach to Nuclear Matter in Compact Stars****Speaker**

Gergely Barnafoldi

**An Application of the Non-extensive Phenomena: Soft+Hard Model at Various Energies****Speaker**

Gergely Barnafoldi

**Unravelling Medium Effects in Heavy Ion Collisions with Zeal****Speaker**

Rajiv V Gvai

**Strangeness production in U+U collisions at STAR****Speaker**

Srikanta Kumar Tripathy

**Particle spectra measurements and Tsallis thermodynamics at LHC energies****Speaker**

Mohd Danish Azmi

**The QCD equation of state at nonzero temperature and density from lattice QCD****Speaker**

Christian Schmidt

**The Quark Gluon Plasma as a Dynamical Quasi-Particle Medium****Speaker**

Hamza Berrehrah

**Upgrade of ALICE TPC and its readout electronics for the LHC RUN3 and beyond****Speaker**

Ganesh Jagannath Tambave

**Photon and dilepton production in heavy-ion collisions****Speaker**

Olena Linnyk

**Ion backflow and energy resolution in stacks of four GEM detectors for the****Speaker**

Esther Bartsch

**SRU readout system of the ALICE Photon Spectrometer****Speaker**

Kazuya Tarunaga

**Performance of the ALICE Photon Spectrometer in LHC Run2****Speaker**

Yuri Kharlov

**Bottomonia suppression in 2.76 TeV Pb-Pb collisions**



**Speaker**

Michael Strickland

**superSONIC -- a super-hybrid model for simulating relativistic ion collisions****Speaker**

Paul Romatschke

**Jet azimuthal distributions with high  $p_T$  neutral pion triggers in pp 7 TeV and Pb-Pb 2.76 TeV collisions from ALICE at the LHC****Speaker**

Daisuke Watanabe

**Production of  $K_S^0$  and  $\Lambda$  in charged jets and underlying event in proton-proton  $\sqrt{s} = 8\text{TeV}$  collisions with ALICE experiment****Speaker**

Yonghong Zhang

**HBT measurements with respect to event plane and jet axis in Pb-Pb 2.76 TeV collisions from ALICE****Speaker**

Naoto Tanaka

**Measurements of heavy flavor decay electron production in p+p collisions at  $\sqrt{s}=200\text{ GeV}$  at STAR****Speaker**

Shenghui Zhang

**Analysis methods to extract possible flow and ridge signal in small systems and application to high multiplicity events in 510 GeV p+p collisions at RHIC PHENIX experiment****Speaker**

Yusuke Fukuda

**Inhomogeneous chiral condensed phases with an algebraic long-range order****Speaker**

Tong-Gyu Lee

**Study of direct photon production with internal conversion method in Cu+Cu collisions at  $\sqrt{s_{NN}} = 200\text{ GeV}$  at PHENIX****Speaker**

Tomoya Hoshino

**Modifications of heavy-light mesons in inhomogeneous chiral condensation phases****Speaker**

Mr Daiki Suenaga

**Photoproduction of vector mesons at low  $p_T$  in peripheral and semi-central Pb+Pb collisions at the LHC****Speaker**

Joakim Nystrand

**Extracting the shear viscosity of the QGP in the presence of bulk viscosity**

**Speaker**

Dr Jacquelyn Noronha-Hostler

**Mutual relations of the W charge asymmetry in p-p, p-Pb and Pb-Pb collisions****Speaker**

Emilien Chapon

**Real time simulation of the Chiral Magnetic Effect****Speaker**

Pablo Morales

**Fluctuation Evolution in Au+Au Collisions at FAIR energy****Speaker**

Shabir Ahmad

**Chiral mirror-baryon-meson model and nuclear matter beyond mean-field****Speaker**

Johannes Weyrich

**Systematic searches for the chiral magnetic effect and chiral vortical effect using identified particles at RHIC/STAR****Speaker**

Liwen Wen

**Energy Dependence of Moments of Net-Kaon Multiplicity Distributions at STAR****Speaker**

Ji Xu

**Baryon number fluctuations around an expanding Bjorken background****Speaker**

Dr Mauricio Martinez Guerrero

**Charged hadron production and two-particle correlations in  $^3\text{He}+\text{Au}$  collisions at  $\sqrt{s_{NN}} = 200$  GeV measured with PHENIX detector****Speaker**

Sakiko Kudo

**Bottom cross-section measurement in  $p+p$  collisions using dielectrons at  $\sqrt{s}=200$  GeV measured by the PHENIX Experiment at RHIC****Speaker**

Deepali Sharma

**Systematic study of real photon and Drell-Yan pair production in p+A (d+A) interactions****Speaker**

Michal Krelina

**Measurement of the pT-integrated flow harmonics  $v_2-v_5$  and the elliptic flow of  $\text{KS}^0$  in Pb+Pb collisions at  $\sqrt{s_{NN}}=2.76$  TeV with the ATLAS detector****Quark coalescence from RHIC to LHC****Speakers**

Vincenzo Greco, francesco scardina

## Multi-particle azimuthal correlations in p+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the ATLAS detector

### Heavy hadron systems in a magnetic field

**Speaker**

Dr Kei Suzuki

### Silicon strip detector R&D for the sPHENIX tracker

**Speaker**

Gaku Mitsuka

### Universality of multiplicity distribution in proton-proton and electron-positron collisions

**Speaker**

Adam Bzdak

### Light flavor jets in strongly coupled plasma

**Speaker**

Razieh Morad

### Initial State fluctuations in ultra-central collisions in an event-by-event transport approach

**Speaker**

Salvatore Plumari

### Bottomonium production in coupled Langevin and transport approach

**Speaker**

Clint Young

### Broad eta Range Survey of $1/N dN_{ch}/d\eta$ at the LHC

**Speaker**

Christian Holm Christensen

### The new C++ based HIJING event generator: HIJING++

**Speaker**

Gábor Papp

### Determining eta/s in Au+Au collisions at 62.4 GeV and below via a statistical analysis of a hybrid model

**Speaker**

Jussi Auvinen

### Breaking the degeneracy of hard+soft modelling

**Speaker**

Barbara Betz

### QCD inspired determination of NJL-parameters

**Speaker**

Paul Springer

### Crystalline chiral condensates in an external magnetic field

**Speaker**

Kazuya Nisihiyama

## Entropy production in the early stage of relativistic heavy ion collisions

### Speaker

Hidekazu Tsukiji

## Collective flow in event-by-event partonic transport plus hydrodynamics hybrid approach

### Speaker

Rajeev Bhalerao

## STUDY OF ELLIPTIC FLOW AT RHIC AND LHC ENERGIES

### Speaker

Pornrad Srisawad

## Magnetic and Electric Fields in Heavy-ion Collisions

### Speaker

Xu-Guang Huang

## Particle spectra and HBT radii for simulated central nuclear collisions of $\text{C+C}$ , $\text{Al+Al}$ , $\text{Cu+Cu}$ , $\text{Au+Au}$ , and $\text{Pb+Pb}$ from $\sqrt{s}=62.4\text{-}2760$ GeV

### Speaker

Mathis Habich

## Production of charmonium states by recombination

### Speaker

Sungtae Cho

## Performance of Fast Interaction Trigger for ALICE Upgrade.

### Speaker

Wladyslaw Henryk Trzaska

## The beam energy dependence of HBT correlation radii from a blast-wave model

### Speaker

Dr Song Zhang

## The specific charged hadron multiplicity in $e^-p$ and $e^-D$ semi-inclusive deep-inelastic scattering in the PYTHIA and PACIAE models

### Speaker

Dr Daimei ZHOU

## Energy and centrality dependence of identified particle elliptic flow in relativistic heavy-ion collisions

### Speaker

Shusu Shi

## Statistical errors, efficiency and acceptance corrections in cumulants of measured net-charge ( $\mathbf{N}^{\{+\}} - \mathbf{N}^{\{-\}}$ ) distributions, a theorem from Quantitative Finance and NBD fits to the PHENIX $\mathbf{N}^{\{+\}}$ and $\mathbf{N}^{\{-\}}$ distributions.

### Speaker

Michael Tannenbaum

## Prototype Studies for the Hadronic Calorimeter System of the Proposed New Experiment (sPHENIX) at RHIC

**Speaker**

Prof. Xiaochun He

**Charm and bottom nuclear modification in Cu+Au collisions at  $\sqrt{s_{NN}}$  = 200 GeV****Speaker**

Cesar Luiz da Silva

 **$\phi$  meson measurement in Cu+Au collisions at  $\sqrt{s_{NN}} = 200$  GeV with the PHENIX Muon Arms at RHIC****Speaker**

Prof. Xiaochun He

**Thermalization, Isotropization, and Bose-Einstein Condensation in Overpopulated Massive Boson Systems****Speaker**

Yin Jiang

**Search for long range angular correlations in high-multiplicity p+p collisions at  $\sqrt{s} = 200$  GeV from PHENIX****Speaker**

Mr Qiao Xu

**"NA61/SHINE results on spectra and yields in p+p and Be+Be collisions at CERN SPS energies"****Speaker**

Katarzyna Grebieszko

**PHENIX Results on Excited Charmonia Production at Forward and Backward Rapidity****Speaker**

J. Matthew Durham

**Systematic study of the parton energy loss from  $p(\text{d}, ^3\text{He})+A$  to  $A+A$  collisions using high  $p_{\text{T}}$  hadrons measured by the PHENIX experiment at RHIC****Speaker**

Dr Takao Sakaguchi

**Search for critical parton density fluctuations through baryon clustering****Speaker**

Roli Esha

**sPHENIX: A New Experiment at RHIC****Speaker**

John Haggerty

**STAR Au + Au Fixed Target Results****Speaker**

Kathryn Meehan

**An evidence for the hadron-quark-gluon mixed phase formation in nuclear collisions**

**Speaker**  
Dmytro Oliinychenko

### **Measurements of Charm and Bottom Productions in Semi-leptonic Channels at STAR**

**Speaker**  
Kunsu Oh

### **Precision Charged Particle Tracking with sPHENIX**

**Speaker**  
Michael McCumber

### **Using Unfolding Techniques to Separate Charm and Bottom Contributions to Single Electron Yields from Semi-leptonic Decays of Heavy Flavor Hadrons Measured by PHENIX**

**Speaker**  
Dr Darren McGlinchey

### **Search for light dark photon with neutral meson decays at the PHENIX experiment**

**Speaker**  
Yorito Yamaguchi

### **Heavy flavor muons at forward rapidities in Cu+Au collisions with the PHENIX detector**

**Speaker**  
Dr Abhisek Sen

### **Spectral function analysis of the hydrodynamical mode around the QCD critical point with use of functional renormalization group**

**Speaker**  
Takeru Yokota

### **The RICH detector for the CBM experiment at FAIR**

**Speaker**  
Claudia Hoehne

### **Technique for Performing High Accuracy Forward-Backward Multiplicity Correlation Measurements**

**Speaker**  
Kristjan Gulbrandsen

### **Thermodynamics of an exactly solvable confining quark model**

**Speaker**  
Leticia Palhares

### **Predictions for the upcoming LHC data: an interplay of energy loss and initial distributions**

**Speaker**  
Prof. Marko Djordjevic

### **Flow and correlation measurement in d+Au collisions at $\sqrt{s_{NN}} = 200$ GeV at PHENIX experiment**

**Speaker**  
Hiroki Yamamoto

**Calculation of high-order cumulant with canonical ensemble method in lattice QCD****Speaker**

Asobu Suzuki

**Photon flow harmonics  $v_n$  with chemical equilibration and non-ideal gas distribution****Speaker**

Dr Akihiko Monnai

**Direct-photon hadron correlations in  $d+Au$  with PHENIX****Speaker**

Dr Ali Hanks

**Latest developments in anisotropic hydrodynamics****Speaker**

Leonardo Tinti

**Non-perturbative Approach to Open Heavy Flavor in Relativistic Heavy Ion Collisions****Speaker**

Dr Min He

**Full jet evolution in quark-gluon plasma and nuclear modification of jet structure in  $Pb+Pb$  collisions at the LHC****Speaker**

Dr Ning-Bo Chang

**Measurements of electrons from semileptonic decays of open heavy flavor hadrons in  $p+p$  and  $Au+Au$  collisions at  $\sqrt{s_{NN}}=200$  GeV****Speaker**

Xiaozhi Bai

**Critical exponents of chiral and isospin phase transitions****Speaker**

Ziyue Wang

**Fluctuations and particle multiplicities in  $pA$  collisions****Speaker**

Michal Praszalowicz

**Towards a Unified Picture of Jet Modifications in the QGP Using Soft-Collinear Effective Theory****Speaker**

Yang-Ting Chien

**Anisotropic flow fluctuations in heavy ion collisions at the LHC energy with HYDJET++ model****Speaker**

Sergey Petrushanko

**Rapidity Dependence of Transverse Momentum Correlations****Speaker**

Prof. Sean Gavin

**$\sqrt{s}$  measurements in  $\sqrt{s_{NN}}=500$  GeV collisions at  $\sqrt{s}=500$  GeV with the STAR experiment**

**Speaker**

Leszek Kosarzewski

**High  $p_T$  Charged Hadron Spectrum in Au+Au Collisions at 200 GeV as Measured by PHENIX**

**Speaker**

Jason Bryslawskyj

**Equation of state in two-, three-, and four-color QCD at nonzero temperature and density**

**Speaker**

Tyler Gorda

**Rapidity window dependences of higher order cumulants of conserved charges**

**Speaker**

Masakiyo Kitazawa

**QCD  $\theta$ -vacua from the chiral limit to the quenched limit**

**Speaker**

Kazuya Mameda

**Analytical and numerical Gubser solutions of the second-order hydrodynamics**

**Speaker**

Bowen Xiao

**Is there dark radiation accompanying QGP Hadronization?**

**Speaker**

Johann Rafelski

**Feasibility studies for the measurement of D-meson production in jets in pp and Pb-Pb collisions with ALICE at the LHC**

**Speakers**

Antonio Carlos Oliveira Da Silva, Salvatore Aiola

**FoCal - a high-granularity electromagnetic calorimeter for forward direct photon measurements at LHC**

**Speaker**

Redmer Alexander Bertens

**High  $p_T$  heavy-flavour decay electron measurements in p-Pb collisions with the TPC and EMCal of ALICE**

**Speaker**

Cristiane Jahnke

**Inhomogeneous chiral condensates and nonanalyticity under external magnetic field**

**Speaker**

Dr Kouji Kashiwa

**Production of Muons from Heavy-Flavour Hadron Decays in Pb-Pb Collisions at  $\sqrt{s_{NN}}=2.76$  TeV with ALICE at the LHC**



**Speaker**

Zuman Zhang

 **$\{\mathrm{D}\}^{\{\star +\}}$ -meson production in p-Pb collisions in ALICE****Speaker**

Jasper Van Der Maarel

**Measurement of D meson-charged particle azimuthal angular correlations in p-Pb collisions at  $\sqrt{s_{\mathrm{NN}}} = 5.02$  TeV with ALICE****Speaker**

Sonia Rajput

**Spontaneous magnetization of quark matter in the inhomogeneous chiral phase****Speaker**

Ryo Yoshiike

**Prospects of measuring heavy-flavour dijets in pp collisions with the ALICE detector****Speaker**

Deepa Thomas

**Heavy-flavour jet studies by tagging electrons from heavy-flavour hadron decays with ALICE****Speaker**

Shingo Sakai

**Transition from Multifragmentation to Flow in Relativistic Nuclear Collisions at CBM energies****Speaker**

Dr Danut ARGINTARU

**Measurement of neutral pions in Pb-Pb collisions at  $\sqrt{s_{\mathrm{NN}}} = 2.76$  TeV with the PHOS detector at ALICE****Speaker**

Daiki Sekihata

**Measurement of high  $p_{\mathrm{T}}$  neutral pions at  $\sqrt{s_{\mathrm{NN}}} = 2.76$  and 7 TeV with ALICE-EMCal at the LHC****Speaker**

Haitao Zhang

**Direct photons in p-Pb collisions at  $\sqrt{s_{\mathrm{NN}}} = 5.02$  TeV measured with ALICE/PHOS****Speaker**

Dmitri Peresunko

**Measurement of elliptic flow of neutral pions with ALICE-EMCal in Pb-Pb collisions at  $\sqrt{s_{\mathrm{NN}}} = 2.76$  TeV****Speaker**

Qiye Shou

**Neutral mesons production in pp collisions at LHC energies****Speaker**

Satoshi Yano

**Perspectives of gamma-jet correlation analysis in Run2 in ALICE****Speaker**

Adam Tomasz Matyja

**Hadronic Spectral Functions at Finite Temperature and Density****Speaker**

Prof. Lorenz von Smekal

**Polyakov--Nambu--Jona-Lasinio model:: Revisited****Speaker**

Sudipa Upadhaya

**Strangeness production in high energy collisions****Speaker**

Dr Catalin Ristea

**Event-by-event Multiplicity Fluctuations in Pb-Pb Collisions at LHC Energies in ALICE****Speaker**

Tapan Nayak

**Study of fluctuations and correlations within finite volumes in 2+1 flavor Polyakov--Nambu--Jona-Lasinio model****Speaker**

KINKAR SAHA

**Tsallis fits to the transverse momentum spectra in high energy collisions****Speaker**

Dr Oana Ristea

**Non-prompt  $J/\psi$  measurement with the PHENIX VTX detector at RHIC****Speaker**

Takashi Hachiya

**Event by event multiplicity fluctuations in the statistical model****Speaker**

Haojie Xu

**Self-similar inverse cascade of magnetic helicity driven by the chiral anomaly, and its signatures in heavy ion collisions****Speaker**

Yuji Hirono

 **$\phi$  production in  $^3\text{He}+\text{Au}$  collisions at  $\sqrt{s_{NN}} = 200$  GeV with the PHENIX detector at RHIC****Speaker**

Murad Sarsour

**B meson analysis with CMS****Speaker**

Kisoo Lee

**A Study of Nuclear effects in Drell-Yan and Charmonia Productions in p-A collisions at Fermilab E906/SeaQuest Experiment**

**Speaker**

Ming Liu

**First measurements of long-range near-side angular correlations in  $\sqrt{s_{NN}}=5$  TeV proton-lead collisions in the forward region****Speakers**

Giulia Manca, Zhenwei Yang

**Anisotropic hydrodynamics for a mixture of quark and gluon fluids****Speaker**

Ewa Maksymiuk

**Early quark production and approach to chemical equilibrium****Speaker**

Dr Daniil Gelfand

**Comparison of RHIC and LHC flow data with NeXSPheRIO****Speaker**

Frederique Grassi

**Chiral magnetohydrodynamics from quantum field theory****Speaker**

Masaru Hongo

**Taking the ratio between shear viscosity and electric conductivity of QGP****Speaker**

Armando Puglisi

**A Tungsten Powder Epoxy Scintillating Fiber EMCAL for sPHENIX****Speaker**

Vera Loggins

**Charmonium suppression in QGP at LHC energy using temperature dependent formation time****Speaker**

Dr Madhukar Mishra

**Nucleon-nucleon interactions within an extended linear sigma model****Speaker**

Dr Khaled Teilab

**The curvature of the chiral phase transition line at small values of the quark chemical potentials****Speaker**

Prasad Hegde

**"QCD equation of state at finite density and finite magnetic field"****Speaker**

Ms nada ezzelarab

**On the effect of the Bose-Einstein condensed dark matter for the magnetic field in neutron stars**

**Speaker**

Prof. Motoi Tachibana

**Scaling Properties of Particle Production, Azimuthal Anisotropy and Two-pion Emission Source Radii in p+p, p+A, d+A and A+A Collisions****Speaker**

Roy Lacey

**Matrix Models for Deconfinement and Their Perturbative Corrections****Speaker**

Dr Yun Guo

**CP violation in  $B^0$  and  $\bar{B}^0$  decay and the flavor-tagged  $\Delta t$  distributions****Speaker**

Dr Sadataka Furui

**Fluctuation-induced effects in inhomogeneous chiral phases****Speaker**

Shintaro Karasawa

**(Anti-)strangeness production in heavy-ion collisions****Speaker**

Pierre Moreau

**Measurement of W and Z-boson production in p-Pb collisions with ALICE at the LHC****Speaker**

Jianhui Zhu

**Photon production from gluon mediated quark-anti-quark annihilation prior to hadronization****Speaker**

Sarah Campbell

**Pion femtoscopy of small systems in ALICE at the LHC****Speaker**

Lukasz Kamil Graczykowski

**Towards a first look at forward neutral pions with PHENIX's MPC and MPC-EX detectors****Speaker**

Dr Sarah Campbell

**Recent Results on Event-by-Event Fluctuations in ALICE at LHC****Speaker**

Satyajit Jena

**A Holographic Description of 3-jet Events in Strongly Coupled Plasma****Speaker**

Andrej Ficnar

**Performance simulation studies for the ALICE TPC GEM Upgrade**

**Speaker**

Hans Martin Ljunggren

**Heavy meson mass spectrum at finite temperature based on AdS/CFT****Speaker**

Minjung Kim

**A Summary Trigger Unit for the ALICE Electromagnetic Calorimeters****Speaker**

Ritsuya Hosokawa

**Future measurements of vector mesons in nucleus at J-PARC****Speaker**

Kyoichiro Ozawa

**Torque effect and long-range rapidity fluctuations****Speaker**

Piotr Bozek

**Performance of FVTX high-multiplicity trigger system for the RHIC-PHENIX experiment****Speaker**

Seyoung Han

**Development of FVTX high-multiplicity trigger system for the RHIC-PHENIX experiment****Speaker**

Toru Nagashima

**Impact of higher mass-states on the freeze-out conditions in heavy ion collisions****Speaker**

Paolo Giuseppe Alba

**Influence of quantum conservation laws on particle production in hadron collisions****Speaker**

Malgorzata Anna Janik

**Measurement of charged hadron anisotropic flow in Cu+Au collisions at  $\sqrt{s_{NN}} = 200$  GeV at RHIC-PHENIX****Speaker**

Hiroshi Nakagomi

**Collective flow in high-multiplicity proton-proton collisions****Speaker**

Tigran Kalaydzhyan

**Heavy Quark Potential at Finite Temperature - a Dual Gravity Calculation****Speaker**

Mr Himanshu Khanchandani

**Use of a high multiplicity trigger for the ALICE data in proton-proton interactions at  $\sqrt{s} = 13$  TeV**

**Speaker**  
Prabhakar Palni

**Production of strange hadrons in charged jets in p-Pb and Pb-Pb collisions measured with ALICE at the LHC**

**Speaker**  
Alice Zimmermann

**Detector R&D of the Forward Calorimeter with PAD readout for the ALICE upgrade**

**Speaker**  
Masahiro Hirano

**Performance of the Muon Forward Tracker of ALICE at the LHC for the low mass dimuon physics**

**Speaker**  
Satoshi Yano

**QGP properties from azimuthal-angular dependence of charged-pion interferometry**

**Speaker**  
Chiho Nonaka

**Elliptic flow of heavy flavour decay muons at relativistic heavy ion collisions**

**Speaker**  
Dr Umme Jamil Begum

**Exclusive photo-production of upsilon in pPb collisions at CMS**

**Beam energy dependence of Specific Heat in Ultra-relativistic Heavy-Ion Collisions**

**Speaker**  
Tapan Nayak

**LHC and RHIC as Glueball Factories - Pure Gauge 1. Order Phase Transition in pp, pA and AA and direct GlueBall-Hagedorn hadronization**

**Speaker**  
Prof. Stoecker Horst

**Measurement of neutral pions in p-Pb collisions at  $\sqrt{s_{\mathrm{NN}}}$  = 5.02 TeV in ALICE at LHC**

**Speaker**  
Tsubasa Okubo

**Polarization of exclusive di-electron production in pion-nucleon collisions**

**Speaker**  
Mr Enrico Speranza

**Heavy quarkonia and Drell-Yan gauge boson production in the color dipole picture**

**Speaker**  
Michal Sumbera

**The role of the sigma meson in thermal models**

**Speaker**  
Viktor Begun

**Low Vector meson production in p+p collisions at  $\sqrt{s} = 510$  GeV in PHENIX and dependence of  $\phi$  production cross section from RHIC to LHC energies**

**Speaker**  
Raphael Tieulent

**Characterizing the away-side jet, devoid of flow background, via two-particle and three-particle correlations in Au+Au collisions at  $\sqrt{s_{NN}} = 200\sim$ GeV in STAR**

**Speaker**  
Kun Jiang

**Quantum corrections to the stress-energy tensor in thermodynamic equilibrium with acceleration**

**Speaker**  
Eduardo Grossi

**Nuclear modification of  $J/\psi$  in Pb-Pb collisions at LHC energies**

**Speaker**  
Biswarup Paul

**Quarkonium melting in the QGP fireball from the stochastic potential**

**Speakers**  
Dr Alexander Rothkopf, Dr Yukinao Akamatsu

**Is heavy quark diffusion applicable? -- A new time scale introduced by decoherence**

**Speaker**  
Dr Yukinao Akamatsu

**Long-range correlations in the deconfined phase of QCD**

**Speaker**  
Konrad Tywoniuk

**Strangeness production in Au+Au collision at  $\sqrt{s} = 2.4$  GeV**

**Speakers**  
- HADES Collaboration, Joachim Stroth

**Modelling Early Stages of Relativistic Heavy Ion Collisions: Coupling Relativistic Transport Theory to Decaying Color-electric Flux Tubes**

**Speakers**  
Marco Ruggieri, Vincenzo Greco

**Initial state correlations and the ridge**

**Speaker**  
Tolga Altinoluk

**Azimuthal anisotropies of reconstructed jets in Pb + Pb collisions at  $\sqrt{s_{NN}} = 2.76$  TeV in a multiphase transport model**

**Speaker**  
Maowu Nie

**Stationary fluctuation theorem in high-energy nuclear collisions**

**Speaker**

Ryuichi Kurita

**Radiative decay of heavy hadron molecules in charm and strange sector****Speaker**

SMRUTI PATEL

**The PHENIX MPC-EX pre-shower detector****Speaker**

Carlos Eugenio Perez Lara

**Quarkonium production with soft gluon radiation in the CGC framework****Speaker**

Kazuhiro Watanabe

**Non-Prompt  $J/\psi$  Measurements with the STAR experiment****Speaker**

ZAOCHEN YE

**Dilepton production from the quark-gluon plasma using leading-order (3+1)D anisotropic hydrodynamics****Speaker**

Michael Strickland

**Quenching and Broadening of Holographic "Jets"****Speaker**

Andrey Sadofyev

 **$J/\psi$  polarization measurement in p+p collisions at  $\sqrt{s} = 500$  GeV with the STAR experiment****Speaker**

Barbara Trzeciak

**Beam energy dependence of d and  $\bar{d}$  productions in Au+Au collisions at RHIC****Speaker**

Dr Ning Yu

**Three-dimensional source function from a hydro + cascade model****Speaker**

HIROMI HINOHARA

**Production of light nuclei, coalescence parameter and Blast-wave model comparison in heavy-ion collisions at RHIC.****Speaker**

Md. Rihan Haque

**Measurement of the Distance of Closest Approach of electrons from heavy flavor hadron decays at PHENIX****Speaker**

Hidemitsu Asano

**Heavy Flavor Triggered Azimuthal Correlations in p+p Collisions at center-of-mass energy of 500GeV**



**Speaker**  
Mr Long Ma

### **Nuclear Modification of Jet Fragmentation in Au+Au Collisions**

**Speaker**  
Zachary Rowan

### **Investigations for transition regime apparition in nuclear matter through the study of cumulative particles production in relativistic nuclear collisions using the CBM experiment at FAIR-GSI**

**Speaker**  
Mr Nicolae George Tutas

### **Role of chemical potential in the electromagnetic emission from quark gluon plasma**

**Speaker**  
Dr Yogesh Kumar

### **Charged kaon- and $\phi$ -reconstruction in Au+Au-collisions at 1.23 AGeV**

**Speaker**  
Ms Heidi Schuldes

### **Lattice Two-Color QCD with nonzero chiral density**

**Speaker**  
Andrey Kotov

### **Search for collective phenomena in high multiplicity pp and p-Pb collisions with the ALICE experiment**

**Speaker**  
Vytautas Viskavicius

### **Collective flow in small systems from an integrated dynamical model**

**Speaker**  
Koji Kawaguchi

### **Lattice simulation of two-color QCD with $N_f=2$ at non-zero baryon density**

**Speaker**  
Alexander Nikolaev

### **Strangeness production in pp collisions at $\sqrt{s} = 13$ TeV measured with ALICE**

**Speaker**  
Domenico Colella

### **Eta meson production of high-energy nuclear collisions at NLO**

**Speaker**  
Ben-Wei Zhang

### **Production of $\Xi(1530)^0$ in p-Pb collisions at the LHC with ALICE**

**Speaker**  
Jihye Song

### **Dual condensates at finite isospin chemical potential**

**Speaker**  
Zhao Zhang

**$K^{\ast}(892)^{0}$  and  $\phi(1020)$  production as a function of charged particle multiplicity in pp collisions at  $\sqrt{s} = 7$  TeV**

**Speaker**  
Ranbir Singh

**Interacting Ensemble of the Instanton-dyons and Deconfinement Phase Transition in the SU(2) Gauge Theory**

**Speaker**  
Rasmus Larsen

**Quark production in heavy ion collisions**

**Speaker**  
Naoto Tanji

**Gluon transport in a semi-holographic model of QCD**

**Speaker**  
Di-Lun Yang

**EVOLUTION OF QUARK-GLUON PLASMA AND QUARK-HADRON PHASE TRANSITION**

**Speaker**  
Dr Yogesh Kumar

**Charged  $\rho$  meson in a magnetic field at finite temperature and chemical potential**

**Speaker**  
Ms Hao Liu

**A critical reassessment of cold nuclear matter effects in proton-nucleus collisions at RHIC and LHC**

**Speaker**  
Hongxi Xing

**Dissipative properties of hot and dense hadronic matter in excluded volume hadron resonance gas model**

**Speaker**  
Mr Guruprasad Kadam

**Principal component analysis and factorization breaking**

**Speaker**  
Aleksas Mazeliauskas

**Magnetic Field Effect on Charmonium Formation in High Energy Nuclear Collisions**

**Speaker**  
Xingyu Guo

**Photon production from the Color Glass Condensate in the pA collisions**

**Speaker**  
Dr Sanjin Benic

**Color Coherence, Mass and Quenching Weights**

**Speaker**

Manoel R. Moldes

**Lefschetz-thimble method for evading the mean-field sign problem****Speaker**

Yuya Tanizaki

**Sensitivity of anisotropy flow coefficients and lengths of homogeneity to different equations of state****Speaker**

Takeshi Kodama

**Radiative  $3 \leftrightarrow 2$  transport and thermalization****Speaker**

Denes Molnar

**Variation in the  $K^*$  meson abundance during the hadronic stage in heavy ion collisions****Speaker**

Sungtae Cho

**The importance of the bulk viscosity and hadronic afterburner in relativistic heavy ion collisions****Speaker**

Sangwook Ryu

**Study of angular distributions for  $J/\psi \rightarrow \mu^+ \mu^-$  decays in p+p collisions at  $\sqrt{s} = 510$  GeV by the PHENIX Collaboration at RHIC.****Speaker**

Dr Alexandre Lebedev

 **$D^{\{+ \}}$ -meson production as a function of charged-particle multiplicity in p-Pb collisions with ALICE****Speaker**

Riccardo Russo

**Dynamic critical behavior for the relativistic  $O(N)$  model in the framework of the real-time functional renormalization group and applications to QCD****Speaker**

Yuya Tanizaki

**Parametric instabilities in nonexpanding and expanding geometries****Speaker**

Shoichiro Tsutsui

**Longitudinal Hydrodynamical Evolution****Speaker**

Prof. Burkhard Kampfer

 **$D_{\{s\}}^{\{\pm\}}$  meson production in Au+Au collisions at  $\sqrt{s_{NN}} = 200$  GeV in STAR****Speaker**

Long Zhou

## **Characterization of the initial state and QGP medium from a combined Bayesian analysis of RHIC and LHC data**

### **Speaker**

Jonah Bernhard

## **Optimizing the Calorimeter Design for sPHENIX**

### **Speaker**

Martin Purschke

## **Soft pion production signals of new phenomena at the LHC**

### **Speaker**

Viktor Begun

## **Velocity-induced dissociation of Heavy Quarkonium in the gauge-gravity prescription**

### **Speaker**

Mr Himanshu Khanchandani

## **Entanglement Entropy of Several Bosonic Quantum Field Theories**

### **Speaker**

Jin-Yi Pang

## **Chiral magnetic effect and Berry phase through quantum kinetic approach**

### **Speaker**

Shi Pu

## **J/psi production measurements in p-Pb collisions with ALICE**

### **Speaker**

Cynthia Hadjidakis

## **Event-by-Event Fluctuations in Identified Particle Ratios in ALICE at LHC**

### **Speaker**

Deepika Jena

## **Lifshitz point for the inhomogeneous chiral phase transition in the magnetic field**

### **Speaker**

Toshitaka Tatsumi

## **Event-by-Event Identified Particle Ratio Fluctuations in Pb-Pb Collisions with ALICE using the Identity Method**

### **Speaker**

Mesut Arslanodok

## **Event shape dependent same charge pion femtoscopy in pp collisions at 7 TeV with the ALICE detector**

### **Speaker**

Goran Simatovic

## **Transverse and longitudinal spectral functions of charmonia at finite temperature on the lattice**

### **Speaker**

Atsuro Ikeda

## **Calculation of $k^*/k_+$ ratio assuming the partial chemical equilibration**

**Speaker**

Kang Seog Lee

**Measuring correlation between flow harmonics with moments in ALICE experiment in LHC****Speaker**

Myunggeun Song

 **$\Lambda$  and  $K^0_s$  production in Au+Au collisions at 1.23 AGeV with the HADES experiment****Speaker**

Mr Timo Scheib

**Status of Jet Reconstruction in Cu+Au collisions at 200 GeV from PHENIX****Speaker**

Mr Arbin Timilsina

**Charge Asymmetry Correlations to Search for the Chiral Magnetic Effect from Beam Energy Scan by STAR****Speaker**

Biao Tu

**Medium Screening Effects on the Quarkonia States****Speakers**

PALAK BHATT, Ms Smruti Patel

**Investigation of collective behaviors in pp and p+Pb collisions at the LHC energies****Speaker**

Dr Xiangrong Zhu

**Nuclear effects in direct photon and Drell-Yan production at the LHC****Speaker**

Mr Michal Krelina

**Measurement of azimuthal anisotropy for high pT charged hadrons in Au+Au collisions at 200GeV at RHIC-PHENIX****Speaker**

maya shimomura

**Deconfinement and chiral crossover with Dirac-mode expansion in QCD****Speaker**

Takahiro Doi

**Electrons from open heavy flavor decays in central U+U collisions at STAR****Speaker**

Katarína Gajdošová

**Implementing the exact kinematical constraint in the saturation formalism****Speaker**

David Zaslavsky

**Is the ideal fluid limit stable against microscopic perturbations?**

**Speaker**

Prof. Giorgio Torrieri

**Collective medium in small collision systems with percolation color sources****Speaker**

Irais Bautista

**Holographic calculation of the QCD crossover temperature in a magnetic field****Speaker**

Jorge Noronha

**Heavy-flavor dynamics in relativistic proton-nucleus and nucleus-nucleus collisions****Speaker**

Yingru Xu

**Strong coupling calculation of hydrodynamic transport coefficients for the QGP at the crossover phase transition****Speaker**

Jorge Noronha

**Forward di-jet production in dilute-dense collisions****Speaker**

Elena Petreska

**Characterizing flow fluctuations with moments****Speaker**

Rajeev Bhalerao

**The q-statistics and QCD thermodynamics at LHC****Speaker**

Dr Raghunath Sahoo

**Combined Gas Electron Multipliers and MicroMeGas as Gain Elements in a High Rate Time Projection Chamber.****Speaker**

John William Harris

**Covariant (D)GLV energy loss in proton-lead collisions at the LHC****Speaker**

Deke Sun

**(Non-)Critical fluctuation signals and their fate in heavy-ion collisions****Speaker**

Marcus Bluhm

**Analytical solution of the nonlinear relativistic Boltzmann equation in the early universe and the thermalization of expanding systems****Speaker**

Jorge Noronha

**Chiral vortical wave and induced flavor charge transport in a rotating quark-gluon plasma**

**Speaker**  
Dr Yin Jiang

**Constraining the validity of hydrodynamic approaches by using a new exact solution of the Boltzmann equation**

**Speaker**  
Jorge Noronha

**Heavy flavored jet modification in CMS**

**Speaker**  
Kurt Eduard Jung

**eA collisions at the LHeC and the FCC**

**Speaker**  
Nestor Armesto Perez

**Vortical structures and strange hyperon polarization in heavy-ion collisions**

**Speaker**  
Prof. Alexander Sorin

**Heavy Quark dynamics in the Quark-Gluon Plasma and the puzzling relation between  $R_{AA}$  and  $v_2$**

**Speakers**  
Vincenzo Greco, francesco scardina

**Compact Stars with a Dyson-Schwinger Quark Model**

**Speaker**  
Huan Chen

**Classical and quantum evolution of quarkonium in a plasma**

**Speaker**  
Mr Miguel angel ESCOBEDO ESPINOSA

**Viscous corrections to anisotropic flow and transverse momentum spectra within a transport approach**

**Speaker**  
Salvatore Plumari

**Heavy Flavor Triggered Azimuthal Correlations in p+p and Au+Au Collisions from STAR**

**Speaker**  
Prof. Frank Geurts

**Quark susceptibility calculation under one loop correction in the mean-field potential**

**Speaker**  
shougaijam somorendro singh

**Non-Gaussian eccentricity fluctuations**

**Speaker**  
Hanna Grönqvist

**Mechanisms of jet quenching in PbPb collisions at the LHC**

**Speaker**

Dr Igor Lokhtin

**Future prospects for heavy ion physics with LHCb****Speaker**

Stefania Vecchi

**Inclusive and tagged beauty jets in Pb+Pb collisions at the LHC****Speaker**

Zhongbo Kang

**New parameteric model for entropy deposition in ultrarelativistic nuclear collisions****Speaker**

Scott Moreland

**Measurement of open-charm production as a function of charged-particle multiplicity in pp collisions at  $\sqrt{s} = 7$  TeV with ALICE at the LHC****Speaker**

Renu Bala

**Measurements of  $\{\mathrm{D}^{\star +}\}$ -meson production in Pb--Pb and pp collisions with ALICE at the LHC****Speaker**

Annelies Marianne Veen

 **$\{\mathrm{D}^{\star +}\}$ -meson nuclear modification factor in Pb--Pb collisions with ALICE****Speaker**

Cristina Bedda

**Prospects for ALICE with the Muon Spectrometer Upgrade and the new Muon Forward Tracker****Speaker**

Antonio Uras

**Hydrodynamics, all orders gradient expansion and beyond****Speaker**

Dr Gokce Basar

**LHCf experiment; astrophysics connection of high-energy nucleus collisions****Speaker**

Takashi Sako

 **$\{\Lambda_{\mathrm{c}}^{\star +}\}$  baryon production in Au+Au collisions at  $\sqrt{s_{\mathrm{NN}}} = 200$  GeV****Speaker**

Miroslav Simko

**The effects of initial state fluctuations and of shear and bulk viscosities on two-particle correlations in pA and AA collisions****Speakers**

Igor Kozlov, Dr Matthew Luzum

**A Spacetime description of Hard Parton evolution in the QGP**



**Speaker**

Ben Meiring

**Heavy Flavor Energy Loss and Correlations from AdS/CFT****Speaker**

William Horowitz

**Nuclear modification factor of D meson in PbPb collisions at 2.76 TeV with CMS****Speaker**

Yen-Jie Lee

**A calculation of transport coefficients in 2-nd order hydrodynamics****Speaker**

Dr Shin Muroya

**Global and Local Temperature Fluctuations in High Energy Heavy-ion Collisions****Speaker**

Tapan Nayak

**Multiplicity dependence of  $\chi$  production in pp, pPb and PbPb at CMS****Speaker**

Zhoudunming Tu

**Mesurement of Heavy flavored jet modification and heavy flavor jet tagging in CMS****Two-particle correlations with identified pions, kaons and protons in pPb collisions****Speaker**

David Englert

**Hydrodynamic evolution of the event-by-event fluctuating initial state****Speaker**

Roy Lacey

**pQCD short path length corrections to (D)GLV energy loss in the QGP****Speaker**

Isobel Kolbe

**Thermodynamics and fluctuations of conserved charges in a hadron resonance gas model in a finite volume****Speaker**

SUBHASIS SAMANTA

**Simulation studies of beauty-jet tagging in p-Pb collisions at the LHC with ALICE****Speaker**

Yasser Corrales Morales

**A study of vorticity formation in high energy nuclear collisions****Speaker**

Prof. Francesco Becattini

**Dielectron measurement from charm and bottom quark decays in p-Pb collisions with the ALICE detector**

**Speaker**

Shinichi Hayashi

**Measurement of low-mass dielectrons in p-Pb collisions with ALICE****Speaker**

Theo Alexander Broker

**Phonons, Pions and Quasi-Long-Range Order in Spatially Modulated Chiral Condensates****Speaker**

Dr Kazuhiko Kamikado

**Dilepton and photon production in the semi-quark gluon plasma****Speaker**

Yoshimasa Hidaka

**Colour reconnections in the DIPSY Monte Carlo****Speaker**

Christian Bierlich

**Kelvin-Helmholtz instability in relativistic heavy ion collisions****Speaker**

Kazuhiisa Okamoto

**Analysis of charmonium at finite temperature from complex Borel sum rules****Speaker**

Kenji Araki

**Exploring effects of magnetic field on the Hadron Resonance Gas****Speaker**

SUBHASIS SAMANTA

**Time evolution of EOS and contribution of thermal dilepton at FAIR energy using Bjorken hydrodynamics****Speaker**

SUBHASIS SAMANTA

**From high-energy collisions to hydrodynamics in strongly coupled non-conformal theories****Speaker**

maximilian attems

**SU(3) Dual QCD Formulation and Phase Transition at Finite Temperature****Speaker**

Ms Garima Punetha

**Linear Boltzmann Transport for Jet Propagation in the Quark-Gluon Plasma: Medium-induced Gluon Radiations and Medium Recoil****Speaker**

Mr Yayun He

**Medium-induced jet energy loss and flavor conversion in e+A**

**Speaker**  
Wei-Tian Deng

**Crossover Equation of State Compared to Lattice QCD and to Baryon Fluctuations in the RHIC Beam Energy Scan**

**Speaker**  
Prof. Joseph Kapusta

**Status of the STAR Event Plane Detector (EPD)**

**Speaker**  
Michael Lomnitz

**Baryon Number Fluctuations and Quark Correlations in the CGC Framework**

**Speaker**  
Douglas Wertepny

**Jet fragmentation measurements in Pb+Pb collisions with ATLAS**

6:30 PM