

Program of the 32nd Winter Workshop on Nuclear Dynamics - WWND2016

Sunday 28 February 2016 - Saturday 05 March 2016, Guadeloupe

29 February, Monday

- 9:00 - 9:10 Jörg Aichelin *'Opening'*
9:10 - 9:40 Claudia Ratti (*Uni. Houston, US*) *'Resent results from IQCD'*
9:40 - 10:10 Brett Fadem (*Muhlenberg College, US*) *'PHENIX Results from the RHIC Beam Energy Scan'*
10:10 - 10:40 Ji Xu (*LBN / Central China Normal Uni.*) *'Energy Dependence of Moments of Net-proton, Net-kaon and Net-charge Multiplicity Distributions at STAR'*
10:40 - 11:00 *Coffee break*
11:00 - 11:30 Yvonne Leifels (*GSI, Germany*) *'Constraining the nuclear matter equation of state around twice saturation density'*
11:30 - 12:00 Hans Rudolf Schmidt (*GSI, Germany*) *'Status and Challenges of the Compressed Baryonic Matter (CBM) Experiment at FAIR'*
12:00 - 12:30 Jörg Aichelin (*SUBATECH, Nantes, France*) *'Transport theory of a plasma based on the Nambu-Jona-Lasinio Lagrangian'*

Afternoon break

- 17:00 - 17:20 *Coffee break*
17:20 - 17:50 James Brandenburg (*Rice Uni., US*) *'Identified Light and Strange Hadron Spectra at $\sqrt{s_{NN}}=14.5$ GeV with STAR at RHIC BES I'*
17:50 - 18:20 Kathryn Meehan (*UC Davis, US*) *'STAR Fixed-Target Results'*
18:20 - 18:50 Astrid Vauthier (*Centre National de la Recherche Scientifique, France*) *'Photon and neutral mesons measurements with the ALICE experiment at the LHC'*
18:50 - 19:20 Fernando Navarra (*Uni. Sao Paulo, Brazil*) *'Tetraquark Production in Double Parton Scattering'*

1 March, Tuesday

- 9:00 - 9:30 Deepa Thomas (*Uni. Texas, US*) *'Measurements of open heavy-flavour production in Pb-Pb collisions with ALICE at the LHC'*
9:30 - 10:00 Vincenzo Greco (*Uni. Catania, Italy*) *'Temperature dependence of the interaction and momentum scattering exchange of heavy quarks in the QGP'*
10:00 - 10:30 Elena Bratkovskaya (*GSI & Uni. Frankfurt, Germany*) *'Tomography of the QGP with heavy quarks'*
10:30 - 10:50 *Coffee break*
10:50 - 11:20 Klaus Werner (*SUBATECH, Nantes, France*) *'Charm production in high multiplicity pp events'*
11:20 - 11:50 Liang He (*Purdue Uni., US*) *'STAR D0 meson v_2 measurement'*
11:50 - 12:20 Alexandre Lebedev (*Iowa State Uni., US*) *'Latest Heavy Flavor Results from the PHENIX Experiment at RHIC'*

Afternoon break

17:00 - 17:20 *Coffee break*

17:20 - 17:50 Jasper van der Maarel (*Uni. Utrecht, The Netherland*) ‘Heavy flavour production in pp and p-Pb collisions in ALICE’

17:50 - 18:20 Martino Gagliardi (*Uni. INFN Torino, Italy*) ‘Quarkonium physics with ALICE at the LHC’

18:20 - 18:50 Bingchu Huang (*Uni. of Illinois at Chicago, US*) ‘Measurements of J/ψ productions at STAR’

18:50 - 19:20 Takashi Hachiya (*RIKEN, Japan*) ‘Single electrons from semi-leptonic charm and bottom hadron decays in Au+Au collisions at PHENIX’

2 March, Wednesday

9:00 - 9:30 Alvaro Dosil Suarez (*Uni. de Santiago de Compostela, Spain*) ‘LHCb results on proton-lead collisions’

9:30 - 10:00 Salvatore Plumari (*Uni. Catania, Italy*) ‘Initial State fluctuations from mid-peripheral to ultra-central collisions in an event-by-event transport approach’

10:00 - 10:30 Casten Greiner (*Uni. Frankfurt, Germany*) ‘Fast Dynamical Evolution of Hadron Resonance Gas via Hagedorn States’

10:30 - 10:50 *Coffee break*

10:50 - 11:20 Qiao Xu (*Vanderbilt Uni., US*) ‘PHENIX results on collectivity in high-multiplicity p+Au, d+Au and $^3\text{He} + \text{Au}$ collisions’

11:20 - 11:50 Livio Bianchi (*Uni. Houston, US*) ‘Strangeness production as a function of the multiplicity in pp and p-Pb collisions in ALICE’

11:50 - 12:20 Christina Markert (*Uni. Texas at Austin, US*) ‘Small medium in p-Pb collisions - resonance production’

Afternoon break

17:00 - 17:20 *Coffee break*

17:20 - 17:50 Hiroshi Nakagomi (*Tsukuba Uni, Japan*) ‘Latest results of charged hadron flow measurements in CuAu collisions at RHIC-PHENIX’

17:50 - 18:20 Isaac Upsal (*Ohio State Uni.*) ‘Global polarization of Lambda hyperons in Au+Au Collisions at RHIC BES’

18:20 - 18:50 Itaru Nakagawa (*RIKEN, Japan*) ‘The First Transverse Single Spin Measurement in High Energy Polarized Proton-Nucleus Collision at the PHENIX experiment at RHIC’

18:50 - 19:20 Hans Martin Ljunggren (*Lund Uni., Sweden*) ‘Upgrade of the ALICE TPC: GEMs and continuous readout’

3 March, Thursday

9:00 - 9:30 Jacquelyn Noronha-Hostler (*Uni. Houston, US*) ‘Soft-Hard Event Engineering (SHEE) at RHIC and LHC’

9:30 - 10:00 Sean Gavin (*Wayne State Uni., US*) ‘Rapidity Correlation Structures from Causal Hydrodynamics’

10:00 - 10:30 Scott Pratt (*Michigan State Uni., US*) ‘Unified approach to two-particle correlations’

10:30 - 10:50 *Coffee break*

10:50 - 11:20 Joel Anthony Mazer (*Uni. Tennessee, US*) ‘Exploring Jet-Hadron correlations at the LHC with ALICE’

11:20 - 11:50 Rene Bellwied (*Uni. Houston, US*) ‘Sequential hadronization and the opportunities it presents’

11:50 - 12:20 Horst Stoecker (*GSI, Germany*) ‘Phase structure of QCD and the pure glue scenario for pp, pA and AA in colliders’

Afternoon break

17:00 - 17:20 *Coffee break*

17:20 - 17:50 Peter Christiansen (*Lund Uni., Sweden*) ‘Constraining energy loss modelling via v_2 and Event Shape Engineering’

17:50 - 18:20 Larisa Bravina (*Uni. Oslo, Norway*) ‘HYDRO + JETS (HYDJET++) for PbPb collisions at LHC (2.76 and 5 ATeV)’

18:20 - 18:50 Andre Veiga Giannini (*Uni. Sao Paulo, Brazil*) ‘On the rapidity dependence of the average transverse momentum in hadronic collisions’

18:50 - 19:20 Pasquale Di Nezza (*Istituto Nazionale Fisica Nucleare Frascati, Italy*) ‘Upgrade of the ALICE Inner Tracking System’

4 March, Friday

9:00 - 9:30 Michael McCumber (*Los Alamos National Laboratory, US*) ‘PHENIX results on reconstructed jets in p+p, d+Au, and Cu+Au collisions’

9:30 - 10:00 Sevil Salur (*Rutgers, State Univ. of New Jersey, US*) ‘Jets in Heavy Ion Collisions with CMS’

10:00 - 10:30 Benjamin Andreas Hess (*Uni. Tuebingen, Germany*) ‘Investigation of the properties of jets from Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV and p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with ALICE’

10:30 - 10:50 *Coffee break*

10:50 - 11:20 Jamal Jalilian-Marian (*Baruch College, US*) ‘Azimuthal angular correlations in 3-jet production in an Electron-Ion Collider at small x ’

11:20 - 11:50 Kolja Kauder (*Wayne State Uni., US*) ‘Recent Jet results from STAR’

11:50 - 12:20 Megan Elizabeth Connors (*Georgia State Uni., US*) ‘Fulfilling the RHIC mission with sPHENIX’

12:20 - 12:50 Justin Edward Frantz (*Ohio University, US*) ‘Recent Developments in Isolated Photon-Hadron and Other Two Particle Correlations in Relativistic Heavy Ion Collisions’