

**2010 Winter Workshop on Nuclear Dynamics
Ocho Rios, Jamaica**

AGENDA

Saturday, Jan. 2, Ortonique Lounge

7:00 PM	Reception	Everybody Welcome!
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Sunday, Jan. 3, Windsor Ball Room

9:00 AM	<i>Welcome</i>	Roy Lacey & Scott Pratt
9:05 AM	<i>High density symmetry energy and heavy-ion reactions</i>	Bao-An Li
9:30 AM	<i>Covariant transport approach for strongly interacting systems</i>	Wolfgang Cassing
9:55 AM	<i>The Latest from FOPI</i>	Yvonne Leifels
10:20 AM	<i>Particle Production at the SPS and the QCD Phasediagram</i>	Christoph Blume
10:45 AM	MORNING BREAK	
11:10 AM	<i>Radiative and collisional energy loss of heavy quarks</i>	Jörg Aichelin
11:35 AM	<i>Heavy quark production and elliptic flow at RHIC and LHC</i>	Jan Uphoff
12:00 PM	<i>Heavy Flavor Physics with the Alice EMCAL detector</i>	Mark Heinz
12:25 PM	AFTERNOON BREAK	
5:00 PM	<i>Quarkonia Results from STAR</i>	Manuel Calderon
5:25 PM	<i>Cold nuclear matter effects on J/Psi production in AA and DA</i>	Kirill Tuchin
5:50 PM	<i>New cold matter constraints from J/psi in d+Au</i>	Alex Levy
6:15 PM	EVENING BREAK	
6:30 PM	<i>Charm at STAR</i>	Sarah Lapointe
6:55 PM	<i>Heavy flavours analysis in p-p collisions at LHC with ALICE</i>	Giancoma Ortona

(All talks will be 20 minutes + 5 minutes for discussion)

Monday, Jan. 4, Windsor Ball Room

9:00 AM	<i>Jets at RHIC</i>	Sevil Salur
9:25 AM	<i>Three particle correlations in heavy ion collisions</i>	Jamal Jalilian-Marian
9:50 AM	<i>Jet measurements from STAR</i>	Elena Bruna
10:15 AM	<i>Characterization of energy loss by direct jet reconstruction</i>	Yue Shi Lai
10:40 AM	MORNING BREAK	
11:05 AM	<i>Strangeness production in jets from p+p 200 GeV collisions</i>	Anthony Timmins
11:30 AM	<i>Gamma-Jet Results from STAR</i>	Ahmed Hamed
12:20 PM	AFTERNOON BREAK	
5:00 PM	<i>QCD thermodynamics on the lattice and hadron resonance gas</i>	Peter Petreczky
5:25 PM	<i>Lattice QCD thermodynamics</i>	Zoltan Fodor
5:50 PM	<i>First results on QCD thermodynamics with the HISQ action</i>	Alexei Bazavov
6:15 PM	EVENING BREAK	
6:30 PM	<i>Finite temperature lattice QCD and heavy ion collisions</i>	Michael Cheng
6:55 PM	<i>Phase Fluctuations near the Chiral Critical Point</i>	Joe Kapusta

Tuesday, Jan. 5, Windsor Ball Room

9:00 AM	<i>PHENIX Reaction Plane Studies</i>	David Winter
9:25 AM	<i>Radiative energy loss and v_2 spectra for viscous hydro</i>	Kevin Dusling
9:50 AM	<i>Particle spectra and the validity of viscous hydrodynamics</i>	Denes Molnar
10:15 AM	<i>Directed flow of identified particles for AuAu 200 GeV</i>	Aihong Tang
10:40 AM	MORNING BREAK	
11:05 AM	<i>Probe the sQGP via flow, jet quenching and medium response</i>	Jiangyong Jia
11:30 AM	<i>Jet-quenching and elliptic flow within a pQCD transport model</i>	Oliver Fochler
11:55 PM	<i>The Letter "I"</i>	Jamie Nagle
12:20 PM	AFTERNOON BREAK	
5:00 PM	<i>The chiral magnetic effect</i>	Dima Kharzeev
5:25 PM	<i>Search for Local Strong Parity Violation at RHIC/STAR</i>	Gang Wang
5:50 PM	<i>Experimental study of local strong parity violation</i>	Sergei Voloshin
6:15 PM	EVENING BREAK	
6:30 PM	<i>Phi and Omega Measurements at RHIC-PHENIX</i>	Misaki Ouchida
6:55 PM	<i>The ALICE TPC: Status and Perspectives</i>	Hans Rudolf Schmidt

Wednesday, Jan. 6, Windsor Ball Room

9:00 AM	<i>Rheology of the Quark Gluon Plasma</i>	Claude Pruneau
9:25 AM	<i>Surface energy and phase coexistence in hadronic systems</i>	Luciano Moretto
9:50 AM	<i>Recent Results of Fluctuation and Correlation Studies from STAR</i>	Terence Tarnowsky
10:15 AM	<i>ALICE Forward Multiplicity Detector - First results from LHC</i>	Casper Nygaard
10:40 AM	MORNING BREAK	
11:05 AM	<i>Collective effects in pp scattering at the LHC</i>	Klaus Werner
11:30 AM	<i>Supernova dynamics</i>	Wolfgang Bauer
11:55 PM	TBA	Karlheinz Langanke
12:20 PM	AFTERNOON BREAK	
5:00 PM	<i>Glasma flux tubes and long range rapidity correlations</i>	Raju Venugopalan
5:25 PM	<i>Relating the Soft Ridge and the Hard Ridge</i>	George Moschelli
5:50 PM	<i>Forward-Backward Multiplicity Correlations for Identified Particles</i>	Michael Skoby
6:15 PM	EVENING BREAK	
6:30 PM	<i>The Ridge, Progress from PHENIX</i>	John Chen

Thursday, Jan. 7, Windsor Ball Room

9:00 AM	<i>Dileptons from the nonequilibrium Quark-Gluon Plasma</i>	Elena Bratkovskaya
9:25 AM	<i>Direct Photons from Hydrodynamics and Transport Theory</i>	Bjørn Bauchle
9:50 AM	<i>Dileptons at PHENIX</i>	Sarah Campbell
10:15 AM	<i>Z⁰ Tagged Jets as a Probe of the Quark Gluon Plasma</i>	Bryon Neufeld
10:40 AM	MORNING BREAK	
11:05 AM	<i>W Results from STAR</i>	Bernd Surrow
11:30 AM	<i>A fundamental test of the Higgs Yukawa coupling at RHIC</i>	Mike Tannenbaum
11:55 AM	AFTERNOON BREAK	
7:30 PM	BANQUET, location TBA	

Friday, Jan. 8, Windsor Ball Room

9:00 AM	<i>Identified particle spectra at high pt</i>	Olga Barannikova
9:25 AM	<i>Resonances from jets</i>	Christina Markert
9:50 AM	<i>In-medium hadronization at the LHC and first results from ALICE</i>	Rene Bellwied
10:15 AM	<i>Muon Trigger Upgrade at PHENIX</i>	Itura Nakagawa
10:40 AM	MORNING BREAK	
11:05 AM	<i>Overview of the PHENIX Transverse Spin Physics Program</i>	Ming Liu
11:30 AM	<i>Longitudinal Spin Physics with the PHENIX Detector at RHIC</i>	Dave Kaway
11:55 PM	<i>Transverse Spin Physics</i>	Len Eun
12:20 PM	AFTERNOON BREAK	
5:00 PM	<i>ALICE at the LHC - Overview and Jet Physics</i>	John Harris
5:25 PM	<i>PHENIX Vertex Detectors</i>	Atsushi Taketani
5:50 PM	<i>Forward Calorimeter Upgrades in PHENIX</i>	Richard Hollis
6:15 PM	EVENING BREAK	
6:30 PM	<i>Quarkonia Measurements with ALICE</i>	Frederick Kramer
6:55 PM	<i>Year-1 Heavy Ion Physics with CMS at the LHC</i>	Edwin Norbeck

Saturday, Jan. 9, Windsor Ball Room

9:00 AM	<i>ATLAS computing</i>	Sergei Panitkin
9:25 AM	<i>Relativistic Shock Waves in Viscous Gluon Matter</i>	Ioannis Bouras
9:50 AM	<i>Third-order dissipative hydrodynamics vs kinetic theory</i>	Andrej El
10:15 AM	<i>3D Viscous Hydrodynamics</i>	Josh Vredevoogd
10:40 AM	WORKSHOP CLOSES	