



**RBRC Scientific Review Committee (SRC) Meeting
Brookhaven National Laboratory, Upton, NY
Physics Department, Building 510, Room 2-160
October 30, 2013 – November 1, 2013
Agenda**

Committee Members

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Wednesday, October 30, 2013

6:30 PM Executive Dinner (Chachama Grill, Patchogue)
<http://www.chachamagrill.com/Chachama/Directions.html>

Thursday, October 31, 2013 – Location Physics 2-160

8:00 AM - 8:30 AM	<i>SRC Executive Session & Working Breakfast</i>	<i>(Room 2-160)</i>
8:30 AM - 8:40 AM	Welcome	Doon Gibbs
8:40 AM - 8:55 AM	RIKEN Overview	Hideto En'yo
8:55 AM - 9:10 AM	RBRC Overview	Samuel Aronson

Open Session – Physics Large Seminar Room

9:15 AM to 10:35 AM EXPERIMENTAL GROUP PRESENTATIONS –YASUYUKI AKIBA, CHAIR

9:15 AM - 9:35 AM	Experimental Group Overview	Yasuyuki Akiba
9:35 AM - 9:55 AM	W → mu measurement in PHENIX	Ralf Seidl (remote)
9:55 AM -10:15 AM	Studying the medium properties in dAu via two particle correlation	John Chen

10:15 AM-10:35 AM	Operation and current status of Silicon Pixel Detector	Maki Kurosawa
10:35 AM - 10:45 AM	BREAK	
10:45 AM to 12:05 PM	EXPERIMENTAL GROUP PRESENTATIONS – ANNE SICKLES, CHAIR	
10:45 AM - 11:05 AM	Overview of current Spin physics program and future plans in PHENIX	Abhay Deshpande
11:05 AM - 11:25 AM	Proton spin study with FVTX	Xiaorong Wang
11:25 AM - 11:45 AM	fsPHEINX detector and physics program	Joe Seele
11:45 AM - 12:05 PM	Letter of Intent for the ePHENIX detector	Kieran Boyle
12:05 PM to 1:00 PM	<i>SRC Executive Session - Working Lunch (Room 2-160)</i>	
1:00 PM to 3:10 PM	THEORY GROUP PRESENTATIONS—DIMITRI KHARZEEV, CHAIR	
1:00 PM - 1:20 PM	Theory Overview	Robert Pisarski
1:20 PM - 1:40 PM	The Higgs field as an inflaton	Fedor Bezrukov
1:40 PM - 2:00 PM	Strongly Interacting Matter In and Out of Equilibrium	Jinfeng Liao
2:00 PM - 2:20 PM	Triangle Anomaly in Heavy Ion Collisions	Ho-Ung Yee
2:20 PM - 2:40 PM	Second order viscous corrections to the harmonic spectrum in heavy ion collisions	Derek Teaney
2:40 PM - 2:50 PM	Instabilities near the QCD phase transition in holographic models	Shu Lin
2:50 PM - 3:00 PM	Phase structure and Hosotani mechanism in QCD-like gauge theory	Koji Kashiwa
3:00 PM - 3:10 PM	Fluidity of the quark-gluon plasma in heavy ion collisions	Akihiko Monnai
3:10 PM - 3:20 PM	Comments on particle production in pp and pA collisions	Adam Bzdak
3:20 PM - 3:30 PM	Transverse single-spin asymmetries and the "sign mismatch" crisis	Daniel Pitonyak
3:30 PM to 4:30 PM	COMPUTING GROUP PRESENTATIONS— NORMAN CHRIST, CHAIR	
3:30 PM – 3:50 PM	Computing Overview	Taku Izubuchi
3:50 PM – 4:10 PM	Kaon Program	Bob Mawhinney
4:10 PM – 4:30 PM	Muon $g-2$ on lattice / Proton Neutron EDM	Thomas Blum
4:30 PM to 4:50 PM	EXPERIMENTAL GROUP PRESENTATIONS – SAMUEL ARONSON, CHAIR	
4:30 PM -4:50 PM	Charged hadron measurements with the PHENIX VTX detector	Stefan Bathe
4:50 PM – 5:00 PM	BREAK	
5:00 PM	<i>SRC Executive Session (Room 2-160)</i>	
6:30 PM	<i>Travel to Reception and Dinner</i>	
7:00 PM	Reception and Dinner (The Oar Restaurant, Patchogue) http://www.theoar.com/ordereze/Directions.aspx	

Friday, November 1, 2013

8:00 AM to 9:00 AM

SRC Executive Session and Continental Breakfast (Room 2-160)

Open Session – Physics Large Seminar Room

9:00 AM to 10:20 AM

ASTROPHYSICS/THEORY GROUP PRESENTATION - ROBERT PISARSKI, CHAIR

9:00 AM - 9:40 AM

Cosmology/astrophysics and RBRC

Toru Tamagawa

9:40 AM - 10:00AM

Spatial Wilson loops in heavy-ion collisions

Adrian Dumitru

10:00 AM -10:20 AM

Scattering amplitudes and recursion relations in
light front perturbation theory

Anna Stasto

10:20 AM to 10:50 AM

BREAK

Large Seminar Room

10:50 AM to 5:00 PM

Computing Group Presentations -TAKU IZUBUCHI, CHAIR

10:50 AM – 11:10 AM

Nuclear Physics

Brian Tiburzi

11:10 AM – 11:30 AM

New theories, new physics, and lattice simulations

Ethan Neil

11:30 AM – 11:50 AM

B Physics on the Lattice

Tomomi Ishikawa

11:50 AM – 12:00 PM

Kaon hadronic decay

Christopher Kelly

12:00 PM – 12:10 PM

Nucleon structure

Sergey Syritsyn

12:10 PM to 1:00 PM

SRC Executive Session and Working Lunch (Room 2-160)

1:00 PM to 3:00 PM

Meetings with Individual RBRC Staff

Theorists (Room 2-160)

Experimentalists (Room 2-78)

Room 2-160

3:00 PM to 4:20 PM

BNL Future Plan - RAJU VENUGOPALAN, CHAIR

3:00 PM – 3:20 PM

BNL , RHIC, e-RHIC Future Plan

Berndt Mueller

3:20 PM – 3:40 PM

Future Detector Upgrades to RHIC and eRHIC

Thomas Ludlam

3:40 PM – 4:00 PM

Why eRHIC is theoretically interesting

Yuri Kovchegov

4:00PM – 4:20 PM

Future prospects of Computing

T Izubuchi & N Christ

4:20 PM to 5:30 PM

SRC Executive Session with Coffee Break (Room 2-160)

5:30 PM to 6:00 PM

Closeout/Adjourn (Room 2-160)