

Heavy ions: Experiments Confront Theory

2011-11-07 - 2011-11-09

Niels Bohr Institute

Blegdamsvej 17
DK-2100 Copenhagen
Auditorium M

Higher harmonics of sound perturbations at RHIC/LHC heavy ion collisions
Prof. SHURYAK, Edward (Stony Brook)

Jet Suppression at ATLAS
Mr. HANSEN, Peter (Niels Bohr Institute)

New Physics Opportunities in the Charm/Tau Region: The BESIII - Experiment at IHEP/Beijing
Prof. KUEHN, Wolfgang (Univ. Giessen)

Angular correlations
Prof. SNELLINGS, Raimond (Utrecht University)

The DIPSY event generator for minimum bias and heavy ion collisions
Prof. LÖNNBLAD, Lief (Lund University)

Jets in a quark-gluon plasma
Dr. TYWONIUK, Konrad (Lund University)

An Effective Model for Deconfinement
Prof. PISARSKI, Robert (Brookhaven National Lab.)

Quantum decoherence from classical coherence in heavy ion collisions
Prof. VENUGOPALAN, Raju (Brookhaven National Lab)

In-Medium Energy Loss and Correlations in Pb-Pb Collisions at $\sqrt{s_{\text{NN}}} = 2.76 \text{ TeV}$
Dr. GROSSE-OETRINGHAUS, Jan Fiete (CERN)

Heavy ion collisions at the LHC - selected topics from a theorist's perspective
Prof. WIEDEMANN, Urs Achim (CERN)

Eccentricities in heavy ions from DIPSY
Dr. FLENSBURG, Christoffer (Lund University)

Lattice QCD at non zero chemical potential - status and challenges
Prof. SPLITTORFF, Kim (NBI)

Morphology of HIC event
Prof. NASELSKY, Pavel (NBI)

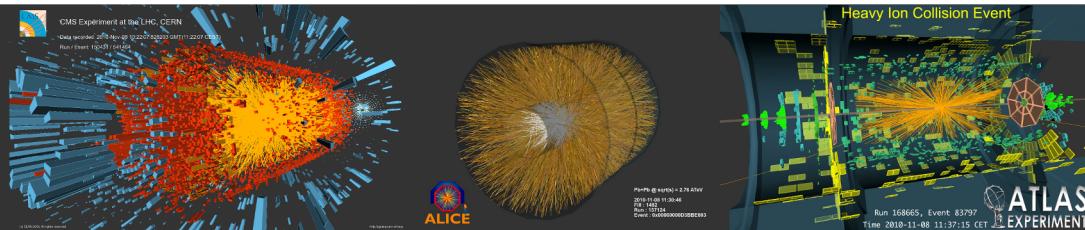
Fluctuations around Bjorken flow and the onset of turbulent phenomena
Prof. FLOERCHINGER, Stefan (CERN)

Geometry, Geometry, Geometry
Prof. NAGLE, James (University of Colorado)

Ph.D. Defense
DALSGAARD, Hans Hjersing

Organisers:

Christian Holm Christensen
Poul Henrik Damgaard
Jens Jørgen Gaardhøje
Kim Splittorff



Heavy ions: Experiments Confront Theory

Monday 07 November 2011 - Wednesday 09 November 2011

Niels Bohr Institute
Programme

Monday 07 November 2011

Registration - Hallway outside of Auditorium M (09:00-09:30)

Pick up your badge and conference information

Morning - Auditorium M (09:30-12:30)

Morning session

- **Conveners: Dr. Damgaard, Poul Henrik (Niels Bohr Institute)**

time	[id] title	presenter
09:30	[5] Higher harmonics of sound perturbations at RHIC/LHC heavy ion collisions	Prof. SHURYAK, Edward (Stony Brook)
10:30	Coffee	
11:00	[6] Jet Suppression at ATLAS	Mr. HANSEN, Peter (Niels Bohr Institute)
11:45	[7] New Physics Opportunities in the Charm/Tau Region: The BESIII - Experiment at IHEP/Beijing	Prof. KUEHN, Wolfgang (Univ. Giessen)

Lunch - Canteen (12:30-14:00)

Afternoon - Auditorium M (14:00-16:45)

- **Conveners: Dr. Christensen, Christian Holm (Niels Bohr Institute)**

time	[id] title	presenter
14:00	[8] Angular correlations	Prof. SNELLINGS, Raimond (Utrecht University)
14:45	[10] The DIPSY event generator for minimum bias and heavy ion collisions	Prof. LÖNNBLAD, Lief (Lund University)
15:30	Coffee	
16:00	[17] Jets in a quark-gluon plasma	Dr. TYWONIUK, Konrad (Lund University)

Wine & Cheese - Q Villa (17:00-18:00)

Tuesday 08 November 2011

Morning - Auditorium M (09:30-12:30)

Morning session

- **Conveners: Dr. Damgaard, Poul Henrik (Niels Bohr Institute)**

time	[id] title	presenter
09:30	[11] An Effective Model for Deconfinement	Prof. PISARSKI, Robert (Brookhaven National Lab.)
10:30	Coffee	
11:00	[12] Quantum decoherence from classical coherence in heavy ion collisions	Prof. VENUGOPALAN, Raju (Brookhaven National Lab)
11:45	[13] In-Medium Energy Loss and Correlations in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV	Dr. GROSSE-OETRINGHAUS, Jan Fiete (CERN)

Lunch - Canteen (12:30-14:00)

Afternoon - Auditorium M (14:00-17:30)

- **Conveners: Prof. Gaardhoje, Jens Jorgen (Niels Bohr Institute)**

time	[id] title	presenter
14:00	[14] Heavy ion collisions at the LHC - selected topics from a theorist's perspective	Prof. WIEDEMANN, Urs Achim (CERN)
14:45	[15] Eccentricities in heavy ions from DIPSY	Dr. FLENSBURG, Christoffer (Lund University)
15:30	Coffee	
16:00	[16] Lattice QCD at non zero chemical potential - status and challenges	Prof. SPLITTORFF, Kim (NBI)
16:30	[21] TBA	Dr. GUFFANTI, Alberto (Niels Bohr Institute)

Dinner - (19:00-21:00)

Wednesday 09 November 2011

Morning - Auditorium M (09:30-12:30)

Morning session

- **Conveners: Prof. Splittorff, Kim (NBI)**

time	[id] title	presenter
09:30	[18] Morphology of HIC event	Prof. NASELSKY, Pavel (NBI)
10:30	Coffee	
11:00	[19] Fluctuations around Bjorken flow and the onset of turbulent phenomena	Prof. FLOERCHINGER, Stefan (CERN)
11:45	[20] Geometry, Geometry, Geometry	Prof. NAGLE, James (University of Colorado)

Lunch - Canteen (12:30-14:00)

Ph.D. Defence by Hans Hjersing Dalsgaard - Auditorium M (14:00-16:00)

The Ph.D. defence of Hans Hjersing Dalsgaard

- **Conveners: Prof. Gaardhoeje, Jens Jorgen (Niels Bohr Institute)**

time	[id] title	presenter
14:00	[0] Welcome and Introduction	Prof. GAARDHOJE, Jens Jorgen (Niels Bohr Institute)
14:15	[1] Presentation by Hans	Mr. DALSGAARD, Hans Hjersing (Niels Bohr Institute)
15:00	[2] Questions from the opponents	
15:30	[3] Questions from the Audience	
15:45	[4] The committee votes	

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List of registrants

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