

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. Gaardhoje, 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	