



# Ab initio approaches in many-body QCD confront heavy-ion experiments

## Monday, December 15, 2014

### Initial state and thermalization (9:00 AM - 6:00 PM)

time	[id] title	presenter
9:00 AM	[0] Opening and introduction	
9:30 AM	[1] Multiplicity Fluctuations in Proton Nucleus Collisions	MUELLER, A.
10:00 AM	[2] Flow and initial state fluctuations	LOIZIDES, C.
10:30 AM	Coffee break	
11:00 AM	[3] Initial state and thermalization in p+A and A+A	SCHLICHTING, S.
11:30 AM	[12] Hydrodynamics in Heavy-Ion Collisions	RISCHKE, D.
12:00 PM	[5] Thermal Radiation - an Experimental Overview	DREES, A.
12:30 PM	Lunch break	
2:00 PM	[6] Photon production in heavy-ion collisions	BRATKOVSKAYA, E.
2:30 PM	[7] Recent dilepton and photon results at STAR	RUAN, L.
3:00 PM	[8] Direct-Photon Results from ALICE	REYGERS, K.
3:30 PM	Coffee break	
4:00 PM	[9] Classical gauge field picture of the initial stage in A+A collisions	LAPPI, T.
4:30 PM	[10] Nuclear structure effects in the initial state	BRONIOWSKI, W.
5:00 PM	[11] Color fluctuation phenomena in pp, pA, and AA collisions	STRIKMAN, M.

# Tuesday, December 16, 2014

## Initial state and thermalization: Initial state and thermalization (9:00 AM - 10:30 AM)

time	[id] title	presenter
9:00 AM	[13] Particle production and currents from a topological domain	FUKUSHIMA, K.
9:30 AM	[14] Thermalization of (mini-) jets in a quark-gluon plasma	WU, B.
10:00 AM	[4] Finite-temperature EFTs for quarkonia	GHIGLIERI, J.