



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

## Wednesday 17 December 2014

### Critical point and fluctuations (09:00-13:00)

time	[id] title	presenter
09:00	[25] Heavy dense QCD and nuclear matter from an effective lattice theory	PHILIPSEN, O.
09:30	[26] Theory	STEPHANOV, M.
10:00	[27] Fluctuations of Conserved Quantities in High Energy Nuclear Collisions at RHIC	LUO, X.
10:30	Coffee break	
11:00	[28] Measurement of event-by-event fluctuations and chemical freeze-out conditions at LHC energies	KALWEIT, A.
11:30	[29] Exploring the phase structure and dynamics of QCD	PAWLOWSKI, J.
12:00	[30] Confronting LHC data with Lattice QCD results near chiral cross over	REDLICH, K.
12:30	[31] Summary	BLAIZOT, J.-P.