

XXX-th International Workshop on High Energy Physics “Particle and
Astroparticle Physics, Gravitation and Cosmology: Predictions, Observations
and New Projects”



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Panel discussion on Heavy Ions

Thursday 26 June 2014 12:30 (45 minutes)

Moderator: Sergei Sadovsky

Panelists: Johan Blouw, Vitaly Okorokov, Vladimir Bumazhnov, Xiao-Ming Xu, Dmitri Peresunko

Questions:

1. Which experimental data (dis)prove deconfinement of the QCD matter created in heavy ion collisions ?
2. Which grounds are there for thermodynamics application to describe the QCD matter produced at RHIC and LHC energies ?
3. Which experimental data confirm existence or absence of phase transition in heavy ion collisions?
4. Which new properties of quark-gluon matter are observed at LHC compared with those at RHIC and which are plans for the future ?
5. Is there any evolution in our understanding of the QCD matter from RHIC to LHC energies ?

Session Classification: Phenomena in Heavy Ion Collisions