

DIESE WOCHE

PHYSIKALISCHES KOLLOQUIUM

des Fachbereichs Physik
der Johann Wolfgang Goethe-Universität Frankfurt

Mittwoch, den 17.07.2013, 16 Uhr c.t.
Großer Hörsaal, Raum _0.111,
Max-von-Laue-Str. 1

Apl. Prof. Dr. Elena Bratkovskaya
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Goethe Universität Frankfurt und FIAS

Antrittsvorlesung

*„Strongly interacting partonic and hadronic
matter in- and out-off equilibrium“*

The intriguing problem of modern high energy and heavy-ion physics is to understand the nature of deconfinement and the phase transition from hadronic to partonic matter - the Quark-Gluon Plasma (QGP)- which occurs during heavy-ion collisions at relativistic energies. The latest experimental findings indicate that the QGP shows the properties of a strongly interacting liquid (sQGP) rather than - as expected initially - a weakly interacting gas of partons. An overview of experimental observables as well as theoretical models for the dynamical description of strongly interaction parton-hadron matter in- and out-off equilibrium will be presented.

Die Dozenten der Physik

Kolloquium

<http://www.uni-frankfurt.de/fb/fb13/Termine/index.html>