



DESY Seminar

24 April 2007, 17:00, DESY Hörsaal

Christoph Blume (Universität Frankfurt)

Probing Quark Gluon Matter with the ALICE Experiment at the LHC

ALICE is one of the large experiments currently being set up at the CERN Large Hadron Collider (LHC). It is specially designed to study heavy ion collisions at the highest achievable energies. The main focus of its physics programme is the investigation of strongly interacting matter at extreme energy densities, where the formation of a new phase of matter, the Quark-Gluon Plasma (QGP), is expected. We will discuss the basic underlying concepts and several experimental observables. The detector techniques and capabilities of ALICE setup will be presented.

- Tea and cookies will be served at 16:45 in the lobby.
- After the seminar there is a chance for private discussions with the speaker over wine and pretzels also in the lobby.