

# HQ'06

## Hot Quarks 2006

### Workshop for young scientists on the physics of ultrarelativistic nucleus–nucleus collisions

May 15–20, 2006, Villasimius, Sardinia, Italy

- Quark Gluon Plasma signatures and theory
- Collective phenomena
- Correlations and fluctuations
- Strangeness production
- Photons and dileptons
- Intermediate and high  $p_T$  phenomena
- Heavy flavor production
- Experimental apparatus

The aim of the workshop is to enhance the direct exchange of scientific information amongst the younger members of the community from both experiments and theory. It promotes and facilitates informal interactions among young scientists in the field. The workshop will consist of short presentations, each followed by a relatively long Q&A session.

Organizing committee: Federico Antinori (Padova/INFN, Italy), Steffen Bass (Duke, USA), Alessandro De Falco (Cagliari/INFN, Italy), Christian Kuhn (IRES/In2P3, France), Marzia Nardi (Centro Fermi/INFN, Italy), Thomas Peitzmann (Utrecht/NIKHEF, Netherlands), Thomas Ullrich (BNL, USA), Julia Velkovska (Vanderbilt, USA), Urs Wiedemann (CERN, Switzerland)

Results and future perspectives from heavy ion programs at BNL, CERN, and GSI will be discussed. Workshop attendance is by invitation only. You are encouraged to express your interest in participating by sending an informal email to [hq2006@hq2006.bnl.gov](mailto:hq2006@hq2006.bnl.gov). Further details and information are available on the workshops web site <http://hq2006.bnl.gov>.