

HQ 2016

HOT QUARKS



SEPTEMBER 12-17 SOUTH PADRE ISLAND TX, USA

**A WORKSHOP FOR YOUNG SCIENTISTS ON THE PHYSICS
OF ULTRARELATIVISTIC NUCLEUS-NUCLEUS COLLISIONS**

QCD at high temperature/density and lattice QCD
Initial state effects and Color Glass Condensate
Relativistic hydrodynamic and collective phenomena
Correlations and fluctuations
Jets in the vacuum and in the medium

Baryons and strangeness
Heavy flavor, dileptons and photons
Applications of String Theory and AdS/CFT
Experimental techniques and future programs

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