

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

Javier Albacete (Universidad de Granada, Spain)
Jana Bielcikova (NPI of the CAS, Czech Republic)
Rainer Fries (Texas A&M University, USA)
Jiangyong Jia (Stony Brook University & BNL, USA)
Andre Mischke (Utrecht University and Nikhef Amsterdam)
Lijuan Ruan (BNL, USA)
Sevil Salur (Rutgers University, USA)



CYCLOTRON INSTITUTE
TEXAS A&M UNIVERSITY



MINISTERSTVO ŠKOLSTVÍ,
MLÁDEŽE A TĚLOVÝCHOVY



HELMHOLTZ
| ASSOCIATION



Netherlands Organisation for Scientific Research

HQ2016.BNL.GOV