

5th Rome Joint Workshop

Hot QCD Matters

Selected topics in the theory and phenomenology of hot and dense QCD,
from heavy-ion collisions to neutron stars and gravitational waves

May 17 – 19, 2017

Laboratori Nazionali di Frascati – FRASCATI (Italy)
<https://agenda.infn.it/conferenceDisplay.py?confId=13016>

Scientific Programme:

- Urs Wiedemann** (CERN)
Open issues in heavy-ion theory and hot QCD
- Enrico Scomparin** (INFN Turin)
State of the art of heavy-ion measurements
- Jean-Paul Blaizot** (CEA Saclay)
High-gluon densities and the early stages of nucleus-nucleus collisions
- Nestor Armesto** (Santiago de Compostela U.)
Coherence phenomena in high-energy nuclear collisions: from initial to final state
- Leticia Cunqueiro** (Münster U.)
Challenges in experimental jet physics in heavy ion collisions
- Massimo D'Elia** (Pisa U.)
Thermodynamics of QCD on the lattice: temperature, magnetic fields and chemical potentials
- Valeria Ferrari** (Rome U.)
Constraining the equation of state of nuclear matter with gravitational-wave observations
- Delphine Perrodin** (INAF-OAC Cagliari)
Pulsar observations and constraints on the equation of state of nuclear matter in neutron stars
- Fiorella Burgio** (INFN Catania)
The nuclear matter equation of state: from nuclei to neutron stars

Organizing Committee:

- Gennaro Corcella (LNF)
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Barbara Mele (RM1)
Enrico Nardi (LNF)
Giovanni Salmè (RM1)
Francesco Sanfilippo (RM3)

