

Session Program

21-26 Jun 2015



Nucleus Nucleus 2015

Relativistic Heavy-Ion Collisions

Dipartimento di Fisica ed Astronomia, Università di Catania, Aula Magna
Via Santa Sofia, 64 95123, Catania, Italy

Monday 22 June

15:15

Relativistic Heavy-Ion Collisions

Session | **Location:** Dipartimento di Fisica ed Astronomia, Università di Catania, Aula F | **Convener:** Alessandro Feliciello

15:15–15:40 (anti)hypernuclei and 3H lifetime puzzle

Speaker
Yu-Gang Ma

15:40–16:00 Open heavy-flavour measurements with ALICE at the LHC

Speaker
Prof. Nicole BASTID

16:00–16:20
Jet fragmentation study with particle correlation from the ALICE experiment at LHC

Speaker
Dr Dong Jo Kim

16:20–16:40 Recent results from NA61/SHINE

Speaker
Seweryn Kowalski

16:40–17:00 Quark coalescence from RHIC to LHC

Speaker
Vincenzo Minissale

17:00

Tuesday 23 June

08:30

Relativistic Heavy-Ion Collisions

Session | **Location:** Dipartimento di Fisica ed Astronomia, Università di Catania, Aula Magna | **Convener:** Luisa Cifarelli

08:30–09:00

Studying the Quark-Gluon Plasma in Nuclear Collisions at the LHC

Speaker

Prof. Johanna Stachel

09:00–09:30

Collective dynamics, fluctuations and instabilities in Relativistic Heavy Ion collisions

Speaker

Prof. Laszlo Csernai

09:30–10:00

Understanding properties of the Quark Gluon Plasma (QGP) on the basis of correlation and fluctuation measurements at RHIC and the LHC

Speaker

Prof. Rene Bellwied

10:00–10:30

Hadron formation in relativistic nuclear collisions and the QCD phase diagram

Speaker

Francesco Becattini

10:30

14:30

Relativistic Heavy-Ion Collisions

Session | **Location:** Dipartimento di Fisica ed Astronomia, Università di Catania, Aula F | **Convener:** Yu-Gang MA

14:30–14:55

J/PSI production in HI collisions and related items

Speaker

Roberta Arnaldi

14:55–15:20

Anisotropic flows and the shear viscosity of the QGP within an event by event transport approach

Speaker

Salvatore Plumari

15:20–15:40

Overview of azimuthal correlation measurements from ALICE

Speaker

Dr You Zhou

15:40–16:00

MCNP6 Simulation of Light and Medium Nuclei Fragmentation at Intermediate Energies

Speaker

Prof. Stepan Mashnik

16:00–16:20

Thermalization. equilibration and particle production in quark-gluon plasma**Speaker**

Dr Marco Ruggieri

16:20–16:40

Understanding the path length dependence of jet quenching in Heavy Ion Collisions from RHIC to LHC**Speaker**

Mr Myunggeun Song

16:40

17:00

Relativistic Heavy-Ion Collisions**Session** | **Location:** Dipartimento di Fisica ed Astronomia, Università di Catania, Aula F | **Convener:** Takehiko Saito

17:00–17:25

Upsilon suppression in PbPb collisions at the LHC**Speaker**

Georg Wolschin

17:25–17:50

An Overview of Resonance Measurements at the ALICE Experiment**Speaker**

Dr Anders Knospe

17:50–18:10

Shear Viscosity to electric conductivity ratio for the Quark-Gluon Plasma**Speaker**

Armando Puglisi

18:10–18:30

Analysis of angular distribution of fragments in relativistic heavy-ion collisions by quantum molecular dynamics**Speaker**

Dr Tatsuhiko Ogawa

18:30–18:50

Overview of jet physics with ALICE at the LHC**Speaker**

Mr Mengliang WANG

18:50–19:10

Light flavour hadron production in the ALICE experiment at LHC**Speaker**

Angela Badala'

19:10

Thursday 25 June

14:30

Relativistic Heavy-Ion Collisions

Session | **Location:** Dipartimento di Fisica ed Astronomia, Università di Catania, Aula M | **Convener:** Kris Hagel

14:30–14:55

Production and spectroscopy of light hypernuclei with heavy ion induced reactions

Speaker

Takehiko Saito

14:55–15:20

High pt Identified Particle Production in ALICE

Speaker

Prof. Alberica Toia

15:20–15:40

Toward a solution of the RAA and v_2 puzzle for heavy quarks.

Speaker

Francesco Scardina

15:40–16:00

Fluctuations of conserved charges and freeze-out conditions in heavy ion collisions

Speaker

Prof. Claudia Ratti

16:00–16:20

LIGHT FRAGMENTS FROM (C + Be) INTERACTIONS AT 0.6 GeV/nucleon

Speakers

Dr Anna Krutenkova, Dr Pavel Zarubin

16:20–16:40

Time evolution of heavy quark distribution function in quark gluon plasmas: Laplace transform approach

Speaker

Mrs Sharareh Mehrabi Pari

16:40