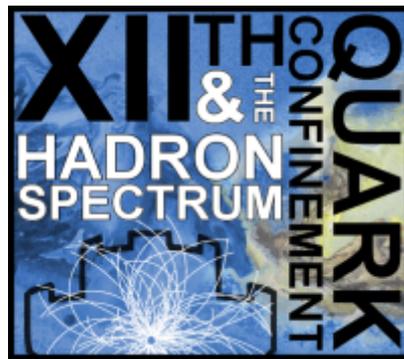


Session Program

28 August 2016 to 4 September 2016



XIIth Quark Confinement and the Hadron Spectrum

Section D

Monday 29 August

15:00

Section D

Session | **Location:** Makedonia Palace, Aristotelis I | **Convener:** Edmond Iancu

15:00–15:30 **Transport at low and high opacity and the elliptic flow**

Speaker

Denes Molnar

15:30–16:00

Early thermalisation, hydrodynamics, and energy loss in holographic heavy ion collisions

16:00–16:30 **Thermalization in a holographic Confining Theory**

Speaker

Ilias Kyritsis

16:30–17:00 **Hydrodynamization and isotropization in HIC**

Speaker

Yan Zhu

17:00

17:30

Section D

Session | **Location:** Makedonia Palace, Aristotelis I | **Convener:** Piotr Bozek

17:30–18:00 **The flow paradigm**

Speaker

Jean-Yves Ollitrault

18:00–18:30

Overview of experimental results on collective flow with identified particles at RHIC and the LHC

Speaker

Panos Christakoglou

18:30–19:00 **Collectivity / hydrodynamics**

Speaker

Wojciech Florkowski

19:00–19:30 **Overview of collectivity in small systems**

Speaker

Wei Li

19:30–20:00 **Anisotropic hydrodynamics**

Speaker

Dr Michael Strickland

20:00

Tuesday 30 August

15:00

Section D

Session | **Location:** Makedonia Palace, Aristotelis I | **Convener:** Aleksi Vuorinen

15:00–15:30

Resummation of large higher order corrections in non-linear QCD evolution

Speaker

DIONYSIS TRIANTAFYLLOPOULOS

15:30–16:00

Initial conditions in AA and pA collisions

Speaker

Tuomas Lappi

16:00–16:20

Multiplicity dependence of light flavor hadron production in proton-proton collisions measured with ALICE

Speaker

Marek Chojnacki

16:20–16:50

Initial state effects in small systems (pp,pA)

Speaker

Soeren Schlichting

16:50–17:10

Neutral meson production measurements with the ALICE/LHC detector

Speaker

Paraskevi Ganoti

17:10

15:00

Section D

Session | **Location:** Makedonia Palace, Amfitrion II | **Convener:** Chihiro Sasaki

15:00–15:30

Lattice calculation of the Polyakov loop and Polyakov loop correlators

Speaker

Dr Johannes Heinrich Weber

15:30–16:00

The axial anomaly and topology in finite temperature QCD

Speaker

Sayantana Sharma

16:00–16:20

Chiral symmetry restoration from the hadronic regime

Speaker

Angel Gomez Nicola

16:20–16:40

Parity doubling of nucleons and Delta baryons across the deconfinement phase transition

Speaker
Davide De Boni

16:40–17:00

Geometrical clusterization and deconfinement phase transition in SU(2) gluodynamics

Speaker
Oleksii Ivanytskyi

17:00

17:30

Section D

Session | **Location:** Makedonia Palace, Aristotelis I | **Convener:** Prof. Ilias Kyritsis

17:30–18:00

Semiholography for heavy ion collisions

Speaker
Ayan Mukhopadhyay

18:00–18:30

Late time thermalization in the Quark Gluon Plasma

Speaker
Umut Gursoy

18:30–19:00

Holographic energy loss in nonconformal confining theories

Speaker
Francesco Nitti

19:00–19:30

QGP tomography through high momentum probes

Speaker
Magdalena Djordjevic

19:30–19:40

Discussion

Speakers
Ilias Kyritsis, Marek Chojnacki, Oliver Busch, Wei Li

19:40

17:30

Section D

Session | **Location:** Makedonia Palace, Amfitrion II | **Convener:** Jacopo Ghiglieri

17:30–18:00

Quarkonia at $T > 0$ and lattice QCD

Speaker
Alexander Rothkopf

18:00–18:30

Quarkonium Production at RHIC

Speaker
Anthony Frawley

18:30–18:50

From p-A to A-A: an experimental overview on quarkonium at LHC

Speaker
Roberta Arnaldi

18:50–19:20

Heavy-flavour productions in the relativistic heavy ion collisions in LHC

Speaker
Shingo Sakai

19:20-19:40

Bottomonia suppression in 2.76 TeV Pb-Pb collisions

Speaker

Radoslaw Ryblewski

19:40

Thursday 1 September

14:30

Section D

Session | **Location:** Makedonia Palace, Aristotelis I | **Convener:** Edmond Iancu

14:30–15:00

Recent progress on the understanding of the medium-induced jet evolution and energy loss in pQCD

Speaker

Liliana Apolinario

15:00–15:30

Event-by-event picture for the medium-induced jet evolution

Speaker

Dr Miguel Ángel Escobedo Espinosa

15:30–15:50

Jets in Pb-Pb collisions at ALICE

Speaker

Oliver Busch

15:50–16:10

Azimuthal anisotropy of long-range correlations at LHC energy in Monte Carlo model with string fusion

Speaker

Vladimir Kovalenko

16:10–16:30

Evolution of the jet opening angle distribution in holographic plasma

Speaker

Andrey Sadofyev

16:30

17:00

Section D

Session | **Location:** Makedonia Palace, Aristotelis I | **Convener:** Aleksii Vuorinen

17:00–17:30

NNLO calculation of the Polyakov loop

Speaker

Matthias Berwein

17:30–18:00

Recent progress in hard-thermal-loop QCD thermodynamics and collective excitations

Speaker

Nan Su

18:00–18:20

On spectral functions and transport coefficients in QCD

Speaker

Jan M. Pawłowski

18:20–18:40

Effective field theory techniques applied to the hard scales of the plasmas

Speaker

Cristina Manuel

18:40–19:00

Perturbative study of the QCD phase diagram for heavy quarks at nonzero chemical potential

Speaker

Julien Serreau

19:00

Friday 2 September

15:00

Section D

Session | **Location:** Makedonia Palace, Clio | **Convener:** Malgorzata Anna Janik

15:00–15:30

Electromagnetic probes of the quark-gluon plasma: perturbation theory meets the lattice

Speaker

Jacopo Ghiglieri

15:30–15:50

Effect of magnetic field on photon production in AA collisions

Speaker

Dr Bronislav Zakharov

15:50–16:20

Electromagnetic probes in high-energy pp and AA collisions

Speaker

Thomas Peitzmann

16:20–16:40

Holographic photon production in heavy ion collisions

Speaker

Di-Lun Yang

16:40–17:00

Number and density of quark-gluon strings and collective effects in hadron collisions.

Speaker

Dr Grigori Feofilov

17:00

15:00

Section D

Session | **Location:** Makedonia Palace, Aristotelis I | **Convener:** Nan Su

15:00–15:20

Phase diagram of dense two-color QCD within lattice simulations

Speaker

Andrey Kotov

15:20–15:40

Temperature dependence of QGP share viscosity within lattice SU(3)-gluodynamics

Speaker

Nikita Astrakhantsev

15:40–16:00

Exact sum rules for vector channel at finite temperature and their application to lattice QCD analysis

Speaker

Dr Daisuke Satow

16:00–16:20

Complex Langevin simulations of a finite density Matrix Model of QCD

Speaker
Savvas Zafeiropoulos

16:20–16:40 **Thermal D mesons from anisotropic lattice QCD**

Speaker
Jon-Ivar Skullerud

16:40–17:00

Study of lattice QCD at finite baryon density using the canonical approach

Speaker
Mr Aleksandr Nikolaev

17:00

17:30

Section D

Session | **Location:** Makedonia Palace, Aristotelis I | **Convener:** Malgorzata Anna Janik

17:30–18:00 **Flavor correlations and the QCD phase structure**

Speaker
Dr Chihiro Sasaki

18:00–18:30

The QCD equation of state and fluctuations of conserved charges at non-zero temperature and density

Speaker
Christian Schmidt

18:30–18:50

Recent results from the NA61/SHINE strong interaction physics programme

Speaker
Evgeny Andronov

18:50–19:10 **Yang-Mills correlation functions at non-zero temperature**

Speaker
Markus Huber

19:10–19:30

The QCD equation of state at finite density from analytical continuation

Speaker
Jana Günther

19:30