

Session Program

28 August 2016 to 4 September 2016



XIIth Quark Confinement and the Hadron Spectrum

Section C

Monday 29 August

15:00

Section C

Session | **Location:** Makedonia Palace, Alexandros I | **Convener:** Antonio Vairo

15:00–15:20

Open-charm production measurements in pp, p-Pb and Pb-Pb collisions with ALICE at the LHC

Speaker

Elisa Meninno

15:20–15:40

Open charm meson and baryon spectroscopy from lattice QCD

Speaker

Gunnar Bali

15:40–16:00

Rare B_s meson decays on the lattice

Speaker

Andria Agadjanov

16:00–16:20

Form factors and differential distributions in rare radiative leptonic B-decays

Speaker

Anastasiia Kozachuk

16:20–16:40

Heavy quark physics from Fermilab/MILC collaboration

Speaker

Alexei Bazavov

16:40–17:00

Scattering of charmed mesons from lattice QCD

Speaker

Dr Graham Moir

17:00

17:30

Section C

Session | **Location:** Makedonia Palace, Alexandros I | **Convener:** Antonio Vairo

17:30–17:50

Isospin-breaking in the decay constants of heavy mesons from QCD sum rules

Speaker

Dmitri Melikhov

17:50–18:10

D and B mesons masses in chiral perturbation theory with heavy quark symmetry

Speaker

Dr Mohammad Alhakami

18:30–18:50

The bottom-quark mass from non-relativistic sum rules at NNNLO

Speaker

Jan Piclum

18:50-19:10

Short-distance current correlators on the lattice**Speaker**

Shoji Hashimoto

19:10-19:30

Experimental highlights: Heavy Quark Physics in Heavy-Ion collisions at RHIC**Speaker**

Dr Rachid Nouicer

19:30-20:00

Empty

20:00

Tuesday 30 August

15:00

Section C

Session | **Location:** Makedonia Palace, Alexandros I | **Convener:** Joan Soto

15:00–15:20 **pNRQCD determination of E1 radiative transitions**

Speaker

Sebastian Steinbeißer

15:20–15:40 **Recent Results on Bottomonium Studies at Belle**

Speaker

Dr Simon Eidelman

15:40–16:00 **Relativistic two-body calculation of bottomonium radiative decays**

Speaker

Dr Emanuele Sorace

16:00–16:20 **Poincare invariance in low-energy effective field theories for QCD**

Speaker

Sungmin Hwang

16:20–16:40

Effective field theory for long-range properties of bottomonium states

Speaker

Gastao Krein

16:40–17:00 **Empty**

17:00

17:30

Section C

Session | **Location:** Makedonia Palace, Alexandros I | **Convener:** Pavel Pakhlov

17:30–17:50 **Production and decay of η_c states at LHCb**

Speaker

Sebastian Neubert

17:50–18:10

η_c production at the LHC challenges nonrelativistic-QCD factorization

Speaker

Zhiguo He

18:10–19:30 **Empty**

19:30

Thursday 1 September

14:30

Section C

Session | **Location:** Makedonia Palace, Amfitrion II | **Convener:** Pavel Pakhlov

14:30–14:50

Fragmentation contributions to J/ψ photoproduction at HERA

Speaker

Hee Sok Chung

14:50–15:10

Relativistic corrections to electromagnetic heavy quarkonium production

Speaker

Vladyslav Shtabovenko

15:10–15:30

New observables in quarkonium production

Speaker

Jean-Philippe Lansberg

15:30–15:50

Approximate degeneracy of heavy-light mesons with the same JL

Speaker

Takayuki Matsuki

15:50–16:10

$pNRQCD$ at N^3LO : the potential for unequal masses and the B_c spectrum

Speaker

Clara Peset

16:10–16:30

Relativistic phenomenology of meson spectra with a covariant quark model in Minkowski space

Speaker

Ms Sofia Leitão

16:30

17:00

Section C

Session | **Location:** Makedonia Palace, Amfitrion II | **Convener:** Pavel Pakhlov

17:00–17:20

$X(3872)$ production in heavy ion collisions

Speaker

Dr Fernando Navarra

17:20–17:40

The non-perturbative unquenched quark model

Speaker

David Rodriguez Entem

17:40–18:00

Exotic quarkonium states in CMS

Speaker

Leonardo Cristella

18:00–18:20

Molecular partners of the X(3872) from heavy-quark spin symmetry: a fresh look.**Speaker**

Vadim Baru

18:20–18:40

Traces of the hidden-charm $S=-1$ pentaquark in the $\Lambda_b \rightarrow J/\psi \eta \Lambda$ decay**Speaker**

Volodymyr Magas

18:40–19:00

Nuclear Effects on Tetraquark Production by Double Parton Scattering**Speaker**

Prof. Fabiana Carvalho

19:00

Friday 2 September

15:00

Section C

Session | **Location:** Makedonia Palace, Amfitrion II | **Convener:** Antonio Vairo

15:00–15:20

Phenomenology of near-threshold states: a practical parametrisation for the line shapes

Speaker

Alexey Nefediev

15:20–15:40

Recent charmonium results at BESIII

Speaker

Beijiang Liu

15:40–16:00

Quarkonium hybrids in Effective Field Theories

Speaker

Dr Jaume Tarrus Castella

16:00–16:20

Heavy Hybrids: decay to and mixing with heavy quarkonium

Speaker

Joan Soto

16:20–16:40

The $P_c(4450)$ pentaquark-like structure and triangle singularity

Speaker

Prof. Feng-Kun Guo

16:40–17:00

Pion exchange for $P_c(4450)^+$ and related states

Speaker

Timothy Burns

17:00

17:30

Section C

Session | **Location:** Makedonia Palace, Amfitrion II | **Convener:** Joan Soto

17:30–17:50

Description of the $X(4260)$ and $X(4360)$ mesons as a $\rho D \bar{D}$ system

Speaker

Dr Melahat Bayar

17:50–18:10

Multiquark resonances

Speaker

Dr Alessandro Pilloni

18:10–18:30

CANCELLED: Prediction of a $Z_c(4000) D^* \bar{D}^*$ state and relationship to the claimed $Z_c(4025)$

Speaker

Francesca Aceti

19:30

18:30–18:50 **$Z_c(3900)$: theory, experiment, lattice****Speaker**

Prof. Feng Kun Guo

18:50–19:10 **Investigating the Structure of $X(4140)$ in QCD****Speaker**

Dr Huseyin Dag

19:10–19:30 **QCD threshold logarithms analytic resummation****Speaker**

Prof. Giulia Ricciardi