Session Program

28 August 2016 to 4 September 2016



XIIth Quark Confinement and the Hadron Spectrum

Section A

Monday 29 August

15:00

Section A

Session | Location: Makedonia Palace, Alexandros II | Convener: Prof. Jeff Greensite

15:00-15:30

On Schwinger-Dyson equations for QCD in Coulomb gauge from local action

Speaker

Prof. Daniel Zwanziger

15:30-16:00

Hamiltonian Approach to QCD in Coulomb gauge at finite temperatures

Speaker

Hugo Reinhardt

16:00-16:30

Deconfinement and chiral transition in AdS/QCD wall models supplemented with a magnetic field

Speaker

David Dudal

16:30-17:00

Superconformal Algebraic Approach to Hadron Structure: The Perturbative-Nonperturbative Interface in QCD

Speaker

Guy de Teramond

17:00 17:30

Section A

Session | Location: Makedonia Palace, Alexandros II | Convener: Dmitry Antonov

17:30-18:00 Gauge engineering and propagators

Speaker

Prof. Axel Maas

18:00-18:30 From QCD's n-point functions to nucleon resonances

Speaker

Dr Gernot Eichmann

18:30-18:50 Three-point functions in Yang-Mills Theory and QCD in Landau gauge

Speaker

Adrian Lorenz Blum

18:50-19:10 Chiral symmetry breaking in continuum QCD

Speaker

Mario Mitter

19:10-19:30 Dyson-Schwinger approach to Hamiltonian QCD

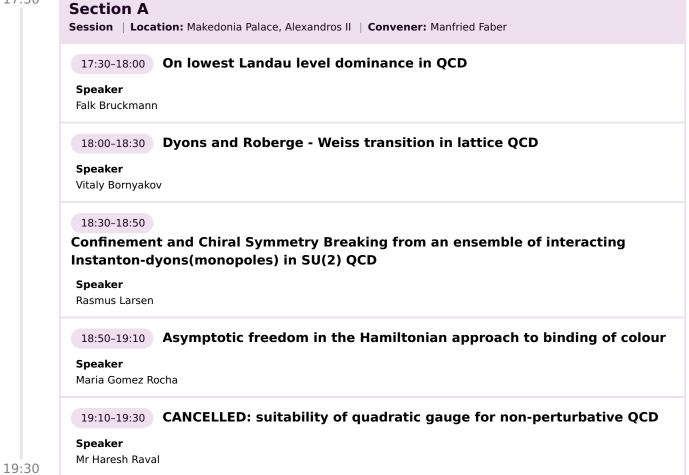
Speaker

Davide Campagnari

19:30-20:00 **Empty**

Tuesday 30 August

17:30



Thursday 1 September

14:30

Section A Session | Location: Makedonia Palace, Amfitrion I | Convener: Prof. Jeff Greensite 14:30-15:00 Towards a theoretical description of dense QCD Speaker Owe Philipsen 15:00-15:30 The density of states approach to Lattice Gauge Theory Speaker Roberto Pellegrini 15:30-16:00 QCD-like theories at finite density **Speaker** Prof. Lorenz von Smekal 16:00-16:30 Polyakov line actions from SU(3) lattice gauge theory with dynamical fermions via relative weights Speaker Dr Roman Höllwieser

16:30

17:00

Section A Session | Location: Makedonia Palace, Amfitrion I | Convener: Manfried Faber 17:00-17:20 Thermodynamics and the Polyakov loop in the covariant variational approach to Yang-Mills theory Speaker Markus Quandt 17:20-17:40 Properties of QCD with nonzero chiral chemical potential Speaker Dr Victor Braguta 17:40-18:00 QCD inspired determination of NJL-model parameters Speaker Paul Springer 18:00-18:20 On Landau gauge Yang-Mills correlation functions Speaker Anton Cyrol 18:20-18:40 The Dark Side of the Propagators: exploring their analytic properties by a massive expansion **Speaker** Fabio Siringo

18:40-19:00

CANCELLED: The pseudoscalar meson octet in term of SU(N) Gauge Invariant Lagrangian

Speaker

Prof. Andrew Koshelkin

19:00

Friday 2 September

16:30-17:00

Sungmin Hwang

Detecting magnetic defects in continuum Yang-Mills theory, ensembles, and gluon topological confinement

Speaker

Prof. Luis E. Oxman

17:00 17:30

Section A

Session | Location: Makedonia Palace, Amfitrion I | Convener: Dmitry Antonov

17:30-17:55

A gauge-independent Higgs mechanism and the implications for quark confinement

Speaker

Kei-Ichi Kondo

17:55-18:20

Domain wall network as QCD vacuum: confinement, chiral symmetry, hadronization

Speaker

Dr Sergei Nedelko

18:20-18:45

Heavy-heavy and heavy-light quarks interactions generated by QCD vacuum

Speaker

Mirzayusuf Musakhanov

18:45-19:10 QCD Gluon Green functions free of Quantum fluctuations

Speaker

Dr José Rodríguez-Quintero

19:10-19:30

CANCELLED: Conclusions from the simplifications provided by Effective Locality in QCD

Speaker

Dr Peter Tsang

19:30