

Session Program

21-29 Aug 2019



8th International Conference on New Frontiers in Physics (ICNFP 2019)

Workshop on QCD

Thursday 22 August

11:00

Workshop on QCD

Session | **Location:** Room 3 | **Convener:** Prof. Owe Philipsen

11:00–11:30 **QCD phase diagram and baryon number fluctuations from DSEs**

Speaker

Prof. Christian Fischer

11:30–12:00 **The impact of fluctuations on the QCD phase structure**

Speaker

Bernd-Jochen Schaefer

12:00–12:30 **Quark-diquark models and fluctuations in thermal QCD**

Speaker

Dr Eugenio Megias

12:30–13:00 **Symmetry, Confinement, and the Higgs Phase**

Speaker

Prof. Jeff Greensite

13:00–13:30 **Branching of Center Vortices in SU(3) Lattice Gauge Theory**

Speaker

Prof. Hugo Reinhardt

13:30

15:00

Workshop on QCD

Session | **Location:** Room 3 | **Convener:** Lorenz von Smekal

15:00–15:30 **Three regimes of QCD**

Speaker

Leonid Glozman

15:30–16:00 **Lifshitz Regime and the phase diagram of QCD**

Speaker

Semeon Valgushev

16:00

16:30

Workshop on QCD

Session | **Location:** Room 1 | **Convener:** Christian Fischer

16:30–17:00 **On the Phase Structure & Dynamics of QCD**

Speaker

Jan M. Pawłowski

17:00–17:30

QCD in the heavy dense regime for large N_c : on the existence of quarkyonic matter

Speaker

Prof. Owe Philipsen

17:30–18:00

In-medium spectral functions of vector and axial-vector mesons from analytically continued FRG flow equations**Speaker**

Prof. Lorenz von Smekal

18:00–18:30

`Effective locality and chiral symmetry breaking in QCD'.**Speaker**

Thierry Grandou

18:30–19:00

Schwinger based QCD formulation's derivation of elastic pp scattering**Speaker**

peter tsang

19:00–19:30

On the generalised spectral structure of QCD propagators**Speaker**

Peter Lowdon

19:30

Friday 23 August

11:00

Workshop on QCD

Session | **Location:** Room 3 | **Convener:** Jeff Greensite

11:00–11:30

Spectroscopy of Heavy-Flavor Baryons

Speaker

Prof. Willibald Plessas

11:30–12:00

Aspects of Top-Down Holographic Large-N Thermal QCD at Finite Coupling

Speaker

Aalok Misra

12:00–12:30

Topological Objects in Holographic QCD

Speaker

Hideo Suganuma

12:30–13:00

Probing perturbative QCD using electroweak bosons at the ATLAS detector

Speaker

Dr Vasiliki Kouskoura

13:00