

## **Session Program**

**1-6 Aug 2022**



## **XVth Quark Confinement and the Hadron Spectrum**

### **Poster Session**

University of Stavanger, Campus Ullandhaug

# Tuesday 2 August

18:00

## Poster Session: Tuesday

**Session** | **Location:** UiS, KE building - Tjodhallen hall

18:00–18:20 **Thermal transitions of dense two colour QCD**

**Speaker**

Dale Lawlor

18:20–18:40

**Lepton pair production from a hot and dense QCD medium in presence of an arbitrary magnetic field**

**Speaker**

Aminul Islam Chowdhury

18:20–18:40

**Lattice QCD with an inhomogeneous magnetic field background**

**Speaker**

Mr Adeilton Dean Marques Valois

18:20–18:40

**Bethe–Salpeter Bound-State Solutions: Examining Semirelativistic Approaches**

**Speaker**

Dr Wolfgang Lucha

18:20–18:40

**Zooming in on Multiquark Hadrons within QCD Sum-Rule Approaches**

**Speaker**

Dr Wolfgang Lucha

18:40–19:00

**Coherent pion photoproduction on spin-zero nuclei**

**Speaker**

Viacheslav Tsaran

18:40–19:00

**Equation of state from complex Langevin simulations**

**Speaker**

Benjamin Jaeger

18:40–19:00

**Charm quark production in hot QCD**

**Speaker**

Valeriya Mykhaylova

18:40–19:00

**Reducing the Sign Problem using Line Integrals**

**Speaker**

Rasmus Larsen

18:40–19:00

**What is hiding under the  $D\bar{D}$  threshold?**

**Speaker**

Oleksandra Deineka

19:00–19:20

**Proton hot spots and exclusive vector meson production**

**Speaker**

Sami Demirci

19:00–19:20

**Deconfinement in pure gauge SU(3) Yang-Mills theory: the ghost propagator****Speaker**

Paulo Silva

19:00–19:20

**Asymptotic freedom using a gluon mass as regulator****Speaker**

Juan José Gálvez-Viruet

19:00–19:20

**The three-gluon vertex from quenched-lattice QCD in Landau gauge****Speaker**

Feliciano de Soto Borrero

19:20–19:40

**Searches for Mach Cone signal in Pb-Pb collisions at the LHC****Speaker**

Maxim Virta

19:20–19:40

**Testing the multiplicity limit on the collective flow measurements in small system****Speaker**

Anna Önnerstad

19:20–19:40

**The PbPb hadronic cross section and the nucleon width in Trajectum****Speaker**

Wilke van der Schee

19:20–19:40

**Critical fluctuations of QCD phase transitions and their related observables****Speaker**

Toru Nishimura

21:20