

Session Program

1-6 Aug 2022



XVth Quark Confinement and the Hadron Spectrum

Parallels Track D

University of Stavanger, Campus Ullandhaug

Monday 1 August

14:00

Parallels Track D: Monday I

Session | **Location:** UiS, AR Ø-120, On the ground floor of the AR building | **Convener:** Panagiota Foka

14:00–14:20

Event-by-event correlations and fluctuations with strongly intensive quantities in heavy-ion collisions with ALICE

Speaker

Iwona Sputowska

14:20–14:40

System size and energy dependence of proton rapidity spectra from NA61/SHINE at the CERN SPS

Speaker

Oleksandra Panova

14:40–15:00

Hadrons at high temperature: update from the FASTSUM collaboration

Speaker

Jon-Ivar Skullerud

15:00

15:40

Parallels Track D: Monday II

Session | **Location:** UiS, AR Ø-120, On the ground floor of the AR building | **Convener:** Jacopo Ghiglieri

15:40–16:10

Success and challenges of flow harmonic analysis in LHC collisions from large to small systems

Speaker

Dong Jo Kim

16:10–16:40

Flow and correlations

Speaker

Shi Qiu

16:40–17:00

Recent developments in the study of flow fluctuations in heavy-ion collisions

Speaker

Cindy Mordasini

17:00

Tuesday 2 August

14:00

Parallels Track D: Tuesday I

Session | **Location:** UiS, AR Ø-120, On the ground floor of the AR building | **Convener:** Jacopo Ghiglieri

14:00–14:30

High-order corrections to the pressure of cold QED

Speaker

Kaapo Seppänen

14:30–14:50

Investigating strangeness production in pp collisions using multi-differential analyses with ALICE at the LHC

Speaker

Chiara De Martin

14:50–15:10

Studying the 3+1D structure of the Glasma using the weak field approximation

Speaker

Dr David Müller

15:10

15:40

Parallels Track D: Tuesday II

Session | **Location:** UiS, AR Ø-120, On the ground floor of the AR building | **Convener:** Miguel Ángel Escobedo Espinosa

15:40–16:10

Experimental status on jets in heavy-ion collisions

Speaker

Mr Jaime Norman

16:10–16:40

Overview of jet quenching theory

Speaker

Liliana Apolinário

16:40–17:00

Jet quenching in evolving anisotropic matter

Speaker

Andrey Sadofyev

17:00

15:40

Parallels Track D: Tuesday III

Session | **Location:** Room A&D II | **Convener:** Jon-Ivar Skullerud

15:40–16:00

Bayesian analysis improvements in the light of the new LHC measurements

Speaker

Seyed Farid Taghavi

16:00–16:20

Colliding poles with colliding nuclei

Speaker

Alexander Soloviev

16:20-16:40

Non-perturbative insights into the spectral properties of finite-temperature correlation functions

Speaker

Peter Lowdon

17:00

Thursday 4 August

14:00

Parallels Track D: Thursday I

Session | **Location:** UiS, AR Ø-120, On the ground floor of the AR building | **Convener:** Liliana Apolinário

14:00–14:30

Anomalous diffusion in QCD matter

Speaker

Paul Caucal

14:30–14:50

Finite angle effects in jet quenching

Speaker

Miguel Ángel Escobedo Espinosa

14:50–15:10

Medium induced jet broadening in a quantum computer

Speaker

Joao Barata

15:15

15:40

Parallels Track D: Thursday II

Session | **Location:** UiS, AR Ø-120, On the ground floor of the AR building | **Convener:** Marek Gazdzicki

15:40–16:10

Overview of quarkonium results at the LHC

Speaker

Fiorella Fionda

16:10–16:40

Heavy quark diffusion from the lattice

Speaker

Hai-Tao Shu

16:40–17:00

Open and hidden heavy flavor measurements at RHIC

Speaker

Leszek Kosarzewski

17:00

Friday 5 August

14:00

Parallels Track D: Friday I

Session | **Location:** UiS, AR Ø-120, On the ground floor of the AR building | **Convener:** Panagiota Foka

14:00–14:30

Shedding light on thermal photon and dilepton production

Speaker

Greg Jackson

14:50

14:30–14:50

Dielectron measurements with the HADES at GSI

Speaker

Jan-Hendrik Otto

15:40

Parallels Track D: Friday II

Session | **Location:** UiS, AR Ø-120, On the ground floor of the AR building | **Conveners:** Jacopo Ghiglieri, Panagiota Foka

15:40–16:10

Diagram of high energy nuclear collisions from recent NA61/SHINE results

Speaker

Marek Gazdzicki

16:10–16:40

Dynamical criticality in O(4)

Speakers

Alexander Soloviev, Alexander Soloviev

16:40–17:00

Aspects of chiral transition in a Hadron Resonance Gas model

Speaker

Dr Deeptak Biswas

17:00