

Session Program

1-6 Aug 2022



XVth Quark Confinement and the Hadron Spectrum

Parallels Track C

University of Stavanger, Campus Ullandhaug

Monday 1 August

14:00

Parallels Track C: Monday I

Session | **Location:** UiS, AR Ø-110, On the ground floor of the AR building | **Convener:** Joan Soto

14:00-14:20

Exotic to standard bottomonium transitions

Speaker

Jaume Tarrús

14:20-14:40

Inclusive decays of Heavy Quark Hybrids

Speaker

Abhishek Mohapatra

14:40-15:00

$\chi_{c1}(2P)$: an overshadowed charmonium resonance

Speakers

Roberto Bruschini, pedro gonzález

15:00

15:40

Parallels Track C: Monday II

Session | **Location:** UiS, AR Ø-110, On the ground floor of the AR building | **Convener:** Roberto Mussa

15:40-16:00

Recent results from BELLE & BELLE2

Speaker

Junhao Yin

16:00-16:20

charm mass effects in the static energy computed in 2+1+1 flavor lattice QCD

Speaker

Viljami Leino

16:20-16:40

Neutral Charm Mesons are Unparticles!

Speaker

Eric Braaten

17:00

Tuesday 2 August

14:00

Parallels Track C: Tuesday I

Session | **Location:** UiS, AR Ø-110, On the ground floor of the AR building | **Convener:** Hee Sok Chung

14:00-14:20

A description of charmonia decays $J/\psi \rightarrow BB^-$ within the QCD factorisation framework

Speaker

Nikolay Kivel

14:20-14:40

Massive secondary quark corrections to bHQET cross section

Speaker

Alejandro Bris

14:40-15:00

The role of subleading power corrections to heavy quarkonium production

Speaker

Kazuhiro Watanabe

15:00

15:40

Parallels Track C: Tuesday II

Session | **Location:** UiS, AR Ø-110, On the ground floor of the AR building | **Convener:** Roberto Mussa

15:40-16:00

Tension in the heavy sector

Speaker

Giulia Ricciardi

16:00-16:20

Visible final-state kinematics in $b \rightarrow c \tau (\pi \nu_\tau, \rho \nu_\tau, \mu \bar{\nu}_\tau) \mu \nu_\tau$ reactions

Speaker

Neus Penalva

16:20-16:40

The strange partners of the Z_c in a chiral quark model

Speaker

David Rodriguez Entem

16:40-17:00

New tetraquarks and pentaquarks from LHCb

Speaker

Mikhail Mikhasenko

17:00

Thursday 4 August

14:00

Parallels Track C: Thursday I

Session | **Location:** UiS, AR Ø-110, On the ground floor of the AR building | **Convener:** Joan Soto

14:00-14:20 **Compositeness problem in heavy hadrons**

Speaker

José Antonio Oller Berber

14:20-14:40 **Weinberg compositeness criterion and extensions thereof**

Speaker

Dr Vadim Baru

14:40-15:00

Triangle singularity in the production of $T_{cc}^{+}(3875)$ and a soft pion

Speaker

Liping He

15:00

15:40

Parallels Track C: Thursday II

Session | **Location:** UiS, AR Ø-110, On the ground floor of the AR building | **Convener:** Hee Sok Chung

15:40-16:00 **QCD Static Force in Gradient Flow**

Speaker

Xiangpeng Wang

16:00-16:20

Determination of HQET nonperturbative matrix elements with renormalon subtraction using Fourier transform

Speaker

Dr Hiromasa Takaura

16:20-16:40 **Femtoscopia of the J/ψ -nucleon interaction**

Speaker

Prof. Gastao Krein

17:00

Friday 5 August

14:00

Parallels Track C: Friday I

Session | **Location:** UiS, AR Ø-110, On the ground floor of the AR building | **Convener:** Antonio Vairo

14:40-15:00

Heavy quark dynamics in a strongly magnetized medium within Hard Thermal Loop approximation

Speaker

Aritra Bandyopadhyay

15:00

15:40

Parallels Track C: Friday II

Session | **Location:** UiS, AR Ø-110, On the ground floor of the AR building | **Convener:** Antonio Vairo

15:40-16:00

Static quark anti-quark interactions at non-zero temperature from lattice QCD

Speaker

Gaurang Parkar

16:00-16:20

quantumfdtd - a computational framework for the Relativistic Schrödinger Equation

Speaker

Rafael Delgado Lopez

16:20-16:40

The complex heavy-quark potential in an anisotropic quark-gluon plasma - Statics and dynamics

Speaker

Ajaharul Islam

17:00