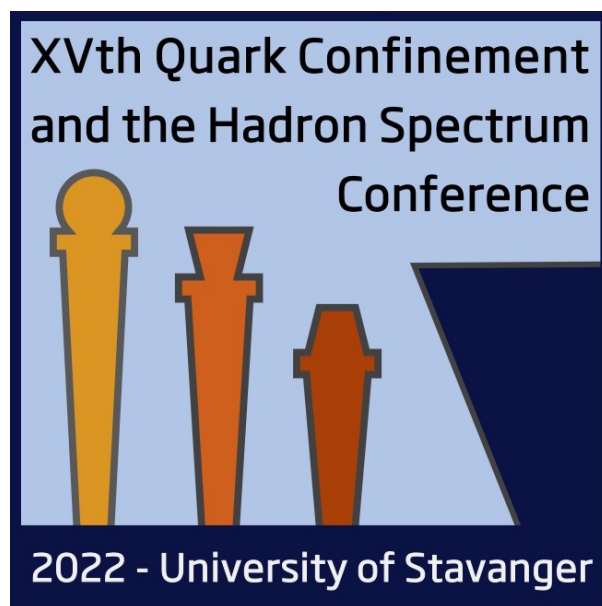


Session Program

1-6 Aug 2022



XVth Quark Confinement and the Hadron Spectrum

Parallels Track B

University of Stavanger, Campus Ullandhaug

Monday 1 August

14:00

Parallels Track B: Monday I

Session | **Location:** UiS, AR G-001, Basement floor of the AR building | **Convener:** Hagop Sazdjian

14:00–14:20

Lattice calculation of leading isospin breaking effects in $\Gamma(K_{\ell 2})/\Gamma(\pi_{\ell 2})$ with close to physical chiral fermions

Speaker

Matteo Di Carlo

14:20–14:40

Partonic pictures of Goldstone mesons from lattice QCD

Speaker

Swagato Mukherjee

14:40–15:00

Decay parameters and the axial-vector form factors for strangeness changing as well as strangeness conserving semileptonic decays of the hyperons

Speaker

Harleen Dahiya

15:00

15:40

Parallels Track B: Monday II

Session | **Location:** UiS, AR G-001, Basement floor of the AR building | **Convener:** Hagop Sazdjian

15:40–16:05

Novel Approaches in Hadron Spectroscopy

Speaker

Mikhail Mikhasenko

16:05–16:25

Information entropy and fragmentation functions

Speaker

Felipe Jose Llanes-Estrada

16:25–16:45

Two glueball scattering and the glueballonium

Speaker

Enrico Trotti

16:45

Tuesday 2 August

14:00

Parallels Track B: Tuesday I

Session | **Location:** UiS, AR G-001, Basement floor of the AR building | **Convener:** Ignazio Scimemi

14:00–14:25 **Two photon processes at NNLO**

Speaker

Dr Alexander Manashov

14:25–14:50 **Twist-2 and twist-3 GPDs from lattice QCD**

Speaker

Krzysztof Cichy

14:50–15:15 **Double parton distributions in the nucleon from lattice simulations**

Speaker

Christian Zimmermann

15:15

15:40

Parallels Track B: Tuesday II

Session | **Location:** UiS, AR G-001, Basement floor of the AR building | **Convener:** Ignazio Scimemi

15:40–16:05 **Polar angle distribution of massive jets at NLO**

Speaker

Vicent Mateu

16:05–16:30 **Frontiers in precision for global PDF analyses**

Speaker

Timothy Hobbs

16:30–16:50 **Modified TMD Factorization and Sub-leading Power Corrections**

Speaker

Sergio Leal Gómez

16:50

Thursday 4 August

14:00

Parallels Track B: Thursday I

Session | **Location:** UiS, AR G-001, Basement floor of the AR building | **Convener:** Jose R. Pelaez Sagredo

14:00–14:25

Strong coupling at the τ -mass scale from an improved vector isovector spectral function

Speaker

Santiago Peris

14:25–14:50

Determination of QCD α_s value from tau decays with a renormalon-motivated approach

Speaker

Gorazd Cvetič

14:50–15:10

Coupled-channel dispersive analysis of $\pi\pi$, KK scattering and its application to $ee \rightarrow J/\psi \pi\pi(KK)$ and $(g-2)$.

Speaker

Oleksandra Deineka

15:10

15:40

Parallels Track B: Thursday II

Session | **Location:** UiS, AR G-001, Basement floor of the AR building | **Convener:** Jose R. Pelaez Sagredo

15:40–16:05

Compositeness problem in hadronic states

Speaker

José Antonio Oller Berber

16:05–16:25

Understanding the nature of $\rho(980)$ with ALICE at the LHC

Speaker

Junlee Kim

16:25–16:45

The phenomenology of the nonet of the $\pi_1(1600)$ and $\eta_1(1855)$.

Speaker

Dr Vanamali Shastry

16:45–17:05

Emergence of pion and proton parton distributions

Speaker

Prof. José Rodríguez-Quintero

17:05

Friday 5 August

14:00

Parallels Track B: Friday I

Session | **Location:** UiS, AR G-001, Basement floor of the AR building | **Convener:** Felipe Jose Llanes-Estrada

14:00–14:20

Glueballs from bound state equations

Speaker

Markus Huber

14:20–14:40

(Un)conventional mesons between 1-2 GeV

Speaker

Francesco Giacosa

14:40–15:00

The Non-perturbative Quark-Gluon Interaction and its Implications

Speaker

AYSE KIZILERSU

15:00

15:40

Parallels Track B: Friday II

Session | **Location:** UiS, AR G-001, Basement floor of the AR building | **Convener:** Felipe Jose Llanes-Estrada

15:40–16:05

QCD vacuum replicas

Speaker

Pedro Bicudo

16:05–16:30

Glueballs in radiative J/ψ decays.

Speaker

Eberhard Klempt

16:30–16:55

Strange meson spectroscopy - from COMPASS to AMBER

Speaker

Stefan Wallner

17:00