

Session Program

2-6 Aug 2021

**A Virtual Tribute to Quark Confinement and
the Hadron Spectrum 2021**

Parallels Track E

online

Monday 2 August

17:00

Parallels Track E: Parallel I

Session | **Location:** online

17:00–17:25

Neutrinoless double beta decay with light sterile neutrinos

Speaker

Kaori Fuyuto

17:25–17:50

Electric dipole moment of light nuclei in χ EFT

Speaker

Alex Gnech

17:50–18:05

A road to a beyond the SM model

Speaker

Prof. Giancarlo Rossi

18:05

Tuesday 3 August

09:00

Parallels Track E: Parallel II

Session | **Location:** online

09:00–09:25

Quantifying theoretical uncertainties: Dark Matter direct detection observables

Speaker

Dr Christopher Körber

09:25–09:50

Present status of radiative and rare kaon decays

Speaker

Dr Oscar Cata

09:50–10:05

Electromagnetic finite-size effects beyond the point-like approximation

Speaker

Nils Hermansson-Truedsson

10:05

Wednesday 4 August

17:00

Parallels Track E: Parallel III

Session | **Location:** online

17:00–17:25

Hadron Structure in Lattice QCD: Status and Challenges

Speaker

Prof. Hartmut Wittig

17:25–17:50

Nucleon Charges from Lattice QCD

Speaker

Boram Yoon

18:00

Thursday 5 August

09:00

Parallels Track E: Parallel IV

Session | Location: online

09:00–09:25

NNbar interaction from chiral effective field theory and its application to neutron-antineutron oscillations

Speaker

Johann Haidenbauer

09:25–09:40

Measurement of charged particle multiplicity distributions in DIS at HERA and its implication to entanglement entropy of partons

Speaker

Austin Baty

09:40–09:55

Assessing the systematic theory uncertainties of IAM unitarization

Speaker

Alexandre Salas-Bernárdez

10:00

10:10

Parallels Track E: Parallel V

Session | Location: online

10:10–10:35

A brief review of the anomalous magnetic moment of the muon (theory)

Speaker

Michele Della Morte

10:35–10:55

Short-distance constraints for HLbL in muon g-2

Speaker

Antonio Rodriguez-Sanchez

10:55–11:15

Recent progress in hadronic light-by-light scattering

Speaker

Martin Hoferichter

11:15

Friday 6 August

14:30

Parallels Track E: Parallel VI

Session | **Location:** online

14:30–14:55

B anomalies

Speaker

Lakshan Ram Madhan Mohan

14:55–15:20

$|V_{ub}|$ and $|V_{cb}|$ determinations in the presence of New Physics effects.

Speaker

Gilberto Tetlalmatzi-Xolocotzi

15:20–15:35

Physics of warped dimensions and continuum spectra

Speaker

Eugenio Megias

15:35

15:40

Parallels Track E: Parallel VII

Session | **Location:** online

15:40–16:05

New approach for searching for CP violation in charm sector in the LHCb experiment

Speaker

Jakub Ryzka

16:05–16:30

Charm CP Violation

Speaker

Dr Stefan Schacht

16:30