

Session Program

2-6 Aug 2021

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

Parallels Track C

online

Monday 2 August

17:00

Parallels Track C: Parallel I

Session | Location: online

17:00–17:20

Third order corrections to the semi-leptonic $b \rightarrow c$ decay

Speaker

Kay Schoenwald

17:20–17:40

NNLO QCD corrections to B-meson mixing

Speaker

Dr Vladyslav Shtabovenko

17:40–18:00

Heavy-quark mesons in the diabatic approach: string breaking and the quarkoniumlike spectrum

Speaker

Roberto Bruschini

18:00

Tuesday 3 August

09:00

Parallels Track C: Parallel II

Session | **Location:** online

09:00–09:20

The dipole picture and the non-relativistic expansion

Speakers

Miguel Ángel Escobedo Espinosa, Dr Miguel Ángel Escobedo Espinosa

09:20–09:40

Determination of $\alpha(M_Z)$ from a hyperasymptotic approximation to the energy of a static quark-antiquark pair

Speaker

Mr Xabier Lobregat

09:40–10:00

Double heavy baryons in Born-Oppenheimer EFT

Speaker

Jaume Tarrús

10:00

Wednesday 4 August

17:00

Parallels Track C: Parallel III

Session | **Location:** online

17:00–17:20

Static force with and without gradient flow

Speaker

Viljami Leino

17:20–17:40

Long and short distance behavior of the imaginary part of the heavy-quark potential

Speaker

Babak Salehi Kasmaei

17:40–18:00

Heavy quark momentum diffusion from the lattice using gradient flow

Speaker

Luis Altenkort

18:00

Thursday 5 August

09:00

Parallels Track C: Parallel IV

Session | **Location:** online

09:00–09:20 **Quarkonium at Belle II**

Speaker

Kiyoshi Tanida

09:20–09:40 **The LHCb pentaquarks in molecular picture**

Speaker

Dr Meng-Lin Du

09:40–10:00

Semi-inclusive decay of heavy quarkonium hybrids into quarkonium in the EFT framework

Speaker

Wai Kin Lai

10:00

10:10

Parallels Track C: Parallel V

Session | **Location:** online

10:10–10:30 **Heavy quark diffusion in an overoccupied gluon plasma**

Speaker

Jarkko Peuron

10:30–10:50

Thermal modification of open heavy-flavor mesons from an effective hadronic theory

Speaker

Gloria Montaña Faiget

10:50–11:10

Strong coupling constant from moments of quarkonium correlators revisited

Speaker

Johannes Heinrich Weber

11:10

Friday 6 August

14:30

Parallels Track C: Parallel VI

Session | **Location:** online

14:30–14:50

Quarkonium production in soft gluon factorization

Speaker

Yan-Qing Ma

14:50–15:10

An effective field theory approach to quarkonium at small transverse momentum

Speaker

Sean Fleming

15:10–15:30

Measurements of quarkonium polarization with CMS

Speaker

Mariana Araujo

15:30

15:40

Parallels Track C: Parallel VII

Session | **Location:** online

15:40–16:00

NRQCD vs. LHC quarkonium production: signs of a deeper J/psi polarization puzzle?

Speaker

Pietro Faccioli

16:00–16:20

Inclusive Hadroproduction of P-wave Heavy Quarkonia in Potential NRQCD

Speaker

Hee Sok Chung

16:20