

Session Program

26 February 2024 to 1 March 2024



QWG 2024 :The 16th International Workshop on Heavy Quarkonium

Production

IISER Mohali, LH7 Auditorium
Lecture Hall Complex, IISER Mohali, Sector 81 SAS Nagar, Punjab, India

Monday 26 February

10:10

Production

Session |

Location: IISER Mohali, LH7 Auditorium, Lecture Hall Complex, IISER Mohali, Sector 81 SAS Nagar, Punjab, India |

Convener: Prof. Eric Brateen

10:10–10:30

Transverse momentum dependent shape function for J/ψ production in SIDIS

Speaker

Jelle Bor

10:30–10:50

Resummation and renormalization of kinematic effects in χ_c and χ_b hadroproduction

Speaker

Hee Sok Chung

10:50–11:10

Polarized TMD fragmentation functions for J/ψ production (Postpone due to delay in flight)

Speaker

Thomas Mehen

11:10

11:40

Production

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Convener: Roberto Mussa

11:40–12:00

Observation of double J/ψ production in pPb collisions at CMS

Speaker

Sunil Bansal

12:00–12:25

Heavy Quarkonium Production at LHCb

Speaker

Cesar Luiz Da Silva

12:25–12:45

Measurement of the production cross-section of J/ψ and $\psi(2S)$ mesons in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector

Speaker

Vakhtang Kartvelishvili

12:45–13:05

NNLO QCD Corrections to Double- J/ψ Production at B factory (zoom)

Speaker

Yu Jia

13:05

14:20

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Convener: Eric Braaten

14:20–14:40

J/psi pair production and J/psi production in jets in pp collisions at ALICE (Zoom)

Speaker

Zhenjun Xiong

14:40–15:00

Resolving negative cross section of quarkonium hadroproduction using soft gluon factorization (zoom)

Speaker

An-ping Chen

15:00–15:20

Photoproduction of the X(3872) in the near-threshold region (Zoom)

Speaker

Prof. Feng-Kun Guo

15:20–15:40

Curing the high-energy perturbative instability of quarkonium photoproduction cross sections with high-energy factorisation

Speaker

Jean-Philippe Lansberg

15:40

16:10

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Convener: Vakhtang Kartvelishvili

16:10–16:30

Inclusive production of fully charmed tetraquarks at the LHC and EIC (Zoom)

Speaker

Jia-Yue Zhang

16:30–16:50

Light-by-Light Scattering at Next-to-Leading Order QCD and QED (Zoom)

Speaker

Hua-Sheng Shao

16:50–17:10

Q^2 distribution of X(3915) single-tag two-photon production at Belle

Speaker

Yoshiki Teramoto

17:10–17:30

$\psi(2s)$, J/psi production as a function of multiplicity in p+p $\sqrt{s}=200$ GeV

Speaker

Cesar Luiz Da Silva

17:30–17:50

Recent results from STAR in pp collisions

17:50

Speaker

Md Nasim