

Session Program

8-12 Sept 2025



QCD@LHC 2025

Heavy Quarks (including top and flavour physics)

Charles B. Wang Center, Stony Brook University
100 Circle Rd, Stony Brook, NY 11794

Tuesday 9 September

09:00

Heavy Quarks (including top and flavour physics): Parallel 1A

Session | **Location:** Meeting Room 102 | **Conveners:** Fabrizio Grosa, Philipp Böer

09:23–09:45

Heavy-flavour results from ATLAS experiment

Speaker

Josef Daniel Sorenson

09:45–10:07

Heavy-flavour production measurements with ALICE at the LHC

Speaker

Tiantian Cheng

10:07–10:29

Heavy-hadron production based on kt-factorization with scale-dependent fragmentation functions

Speaker

guiot benjamin

10:30

11:00

Heavy Quarks (including top and flavour physics): Parallel 1B

Session | **Location:** Meeting Room 102 | **Conveners:** Philipp Böer, Fabrizio Grosa

11:00–11:30

Observation of a family of all-charm tetraquark states

Speaker

Kai Yi

11:30–12:00

Probing spin correlations, entanglement, and Bell nonlocality in bottom quark pairs at the LHC

Speaker

Yevgeny Kats

12:00–12:30

Unresolved Questions in Cold Nuclear Matter and Future Strategies

Speaker

Charles Joseph Naim

12:30

Thursday 11 September

14:00

Heavy Quarks (including top and flavour physics): Parallel 2A

Session | **Location:** Meeting Room 102 | **Convener:** Philipp Böer

14:00–14:22

Photoproduction of charmonium-photon pairs in the CGC framework

Speaker

IVAN ZEMLIAKOV

14:22–14:44

Inclusive open charm photoproduction in ultraperipheral collisions at the LHC with G γ A-FONLL

Speaker

Anna Maria Stasto

14:45–15:07

ATLAS results on top quark mass and properties (including threshold)

Speaker

Mr Mohammed Ghani

15:07–15:29

Resummation of super-leading logarithms in top-antitop production

Speaker

Dr Upalaparna Banerjee

15:30

16:00

Heavy Quarks (including top and flavour physics): Parallel 2B

Session | **Location:** Meeting Room 102 | **Convener:** Philipp Böer

16:00–16:22

ATLAS Results on tt Cross Sections, Single Top, and Associated Top Quark Production

Speaker

Mr Buddhadeb Mondal

16:23–16:45

Recent results on top quark physics from CMS

Speaker

Beatriz Ribeiro Lopes

16:45–17:07

One-Loop QCD Corrections to $\bar{u}d \rightarrow t\bar{t}W$ at $\mathcal{O}(\alpha_s^2)$

Speaker

Sara Ditsch

17:07–17:29

Towards NNLO QCD corrections for off-shell tt \bar{t} production

Speaker

Chiara Savoini

17:30