

Session Program

2-5 Sept 2024



ICFA mini workshop: Beam-Beam Effects in Circular Colliders BB24

Luminosity and beam distribution

EPFL, ELA 1

Tuesday 3 September

13:40

Luminosity and beam distribution

Session | Location: EPFL, ELA 1 | Convener: Xavier Buffat

13:40–14:10 **Beam-beam effects in the luminosity calibration**

Speaker

Joanna Wanczyk

14:10–14:40 **RHIC luminosity improvement using the Bayesian Optimization**

Speaker

Xiaofeng Gu

14:40–15:00 **Impact of beam-beam effects on transverse LHC beam halo**

Speaker

Carlo Emilio Montanari

15:00–15:20 **Beam-Beam Effects and Luminosity in LHC Run 3**

Speaker

Sofia Kostoglou

15:20–15:35 **Discussion**

15:35

Thursday 5 September

14:00

Luminosity and beam distribution

Session | **Location:** EPFL, ELA 1 | **Convener:** Xavier Buffat

14:00–14:20

Beam-beam effects in EIC electron coolers

Speaker

Sergey Seletskiy

14:20–14:40

Beam-beam effect on polarization in the Electron Storage Ring of the EIC

Speaker

Matthew Signorelli

14:40–15:00

Luminosity tuning and optimisation

Speaker

Vaibhavi Gawas

15:15

15:00–15:15

Discussion