

2-5 Sept 2024



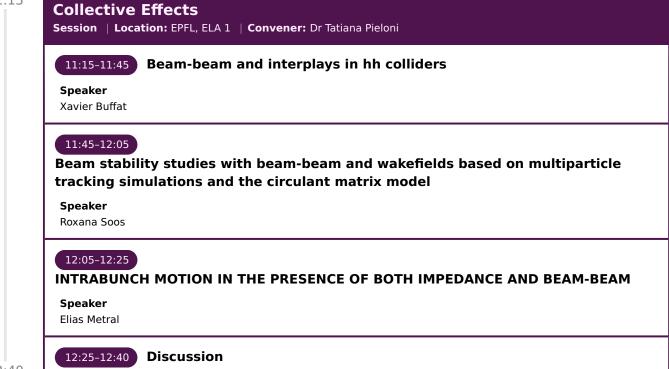
ICFA mini workshop: Beam-Beam Effects in Circular Colliders BB24

Collective Effects

EPFL, ELA 1

Tuesday 3 September

11:15



12:40

Wednesday 4 September

09:00

Collective Effects Session | Location: EPFL, ELA 1 | Convener: Yuan Zhang 09:00-09:30 Space charge effects in beam-beam mode coupling instability Speaker kazuhito ohmi 09:30-09:50 Coherent beam-beam effects in a muon collider Speaker David Amorim Beam-beam effect study of crab cavity in EicC 09:50-10:10 Speaker Mingxuan Chang Beam-beam dynamics with strong hourglass effect 10:10-10:30 Speaker Dr Lei Wang 10:30-10:45 **Discussion**

10:45

11:15

Collective Effects

 $\textbf{Session} \hspace{0.2cm} | \hspace{0.2cm} \textbf{Location:} \hspace{0.2cm} \textbf{EPFL, ELA 1} \hspace{0.2cm} | \hspace{0.2cm} \textbf{Convener:} \hspace{0.2cm} \textbf{Yuan Zhang} \hspace{0.2cm}$

11:15-11:35 Interplay between beam-beam interaction and noise in EIC

Speaker

Derong Xu

11:35-11:55

Progress in gear-changing research and prospects for future experiments

Speaker

Edith Nissen

11:55-12:15

Beam-Beam simulation models and numerical noises for flat beam collisions in the Electron-Ion Collider

Speaker

Yun Luo

12:15-12:30 **Discussion**

12:30