

Session Program

2-5 Sept 2024



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

Overview and Projects

EPFL, ELA 1

Monday 2 September

09:00

Overview and Projects

Session | **Location:** EPFL, ELA 1 | **Convener:** Demin Zhou

09:00–09:30

General overview of beam-beam effects and their impact on collider design and performance

Speaker

Lenny Rivkin

09:30–10:00

Challenges in IR and MDI design

Speaker

Manuela Boscolo

10:00–10:30

Overview of the numerical tools and related challenges for the modeling of beam-beam effects

Speaker

Ji Qiang

10:30

11:00

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11:00–11:30

Beam-beam and related effects at SuperKEKB

Speaker

Yoshihiro Funakoshi

11:30–12:00

Beam-Beam Effects at CEPC

Speaker

Yuan Zhang

12:00–12:30

The progress of beam-beam simulation and related researches of STCF

Speaker

Li Sangya

12:30–13:00

Beam-induced backgrounds for a 10-TeV muon collider

Speaker

Daniele Calzolari

13:00

14:00

Overview and Projects

Session | **Location:** EPFL, ELA 1 | **Convener:** Manuela Boscolo

14:00–14:30

Beam-beam and related effects at LHC-FCC-hh

Speaker

Dr Tatiana Pieloni

14:30-15:00

Overview of Beam-Beam Simulation Studies for the Electron-Ion Collider**Speaker**

Yun Luo

15:00-15:30

Challenges and Research Status of Beam-Beam Effects in the EicC in China**Speaker**

Jie Liu

15:30

16:00

Overview and Projects**Session** | **Location:** EPFL, ELA 1 | **Convener:** Manuela Boscolo

16:00-16:30

Beam-beam effects at the FCC-ee**Speaker**

Peter Kicsiny

16:30-16:50

Neutrino mass measurement background suppression using a predominantly electric E@m storage ring**Speaker**

Richard Talman

16:50-17:10

The International EIC Beam-beam Working Group**Speaker**

Christoph Montag

17:10-17:25

Discussion

17:25