

## **Session Program**

**2-5 Sept 2024**



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

### ***Single particle dynamics***

EPFL, ELA 1

# Tuesday 3 September

09:00

## Single particle dynamics

**Session** | **Location:** EPFL, ELA 1 | **Convener:** Christoph Montag

09:00–09:30

### Estimation of beam-beam blowup and lifetime with lattice and beamstrahlung

#### Speaker

Dr Katsunobu Oide

09:30–09:50

### Imperfections in the Crab-Waist Transform

#### Speaker

Demin Zhou

09:50–10:10

### Beam-beam tools and Weak-Strong Studies for the Future Circular Collider (FCC)

#### Speaker

Leon Van Riesen-Haupt

10:10–10:30

### Refining EIC Beam-Beam Simulation Models

#### Speaker

Derong Xu

10:30–10:45

### Discussion

10:45

16:05

## Single particle dynamics

**Session** | **Location:** EPFL, ELA 1 | **Convener:** Christoph Montag

16:05–16:35

### Status of the Beam-Beam Long-Range Wire Compensation Studies

#### Speaker

Guido Sterbini

16:35–16:55

### Long Range Beam-Beam investigation using Weak-Strong beams in the LHC

#### Speaker

Tobias Hakan Bjorn Persson

16:55–17:15

### Compensation of beam-beam driven RDTs in the LHC IRs

#### Speaker

Ewen Hamish Maclean

17:15–17:35

### A Topological Approach to the Problem of Beam-Beam Compensation

#### Speaker

Philippe Belanger

17:35–17:50

### Discussion

17:50