

## **Session Program**

**Sep 12 - 16, 2022**



# **65th ICFA Advanced Beam Dynamics Workshop on High Luminosity Circular e+e- Colliders (eeFACT2022)**

## ***WG4***

INFN Frascati National Laboratories  
LNF-INFN Via Enrico Fermi, 54 00044 Frascati (Rome, Italy)

# Wed, September 14

9:00 AM

## WG4: Beam-beam & Instabilities (parallel)

**Session** | **Location:** Aula Touschek, Link #1 | **Conveners:** Mikhail Zobov, FRANK ZIMMERMANN

9:00 – 9:30 AM

### Beam-beam interaction in SuperKEKB: simulations and experimental results

**Speaker**

Demin Zhou

9:30 – 10:00 AM

### Impedance and instability studies at SuperKEKB

**Speaker**

Kazuhito Ohmi (REMOTE)

10:00 – 10:30 AM

### Analysis of the beam-beam interaction including longitudinal impedance

**Speaker**

Chuntao Lin (REMOTE)

10:30 – 11:00 AM

### Beam-beam simulations including beam coupling impedance

**Speaker**

Yuan Zhang (REMOTE)

11:00 AM

11:15 AM

## WG4: Beam-beam & Instabilities (parallel)

**Session** | **Location:** Aula Touschek, Link #1 | **Conveners:** FRANK ZIMMERMANN, Mikhail Zobov

11:15 – 11:45 AM

### Collective effects studies for CEPC

**Speaker**

Na Wang (REMOTE)

11:45 AM – 12:15 PM

### Mitigation of e-cloud effects in SuperKEKB

**Speaker**

Yusuke Suetsugu (REMOTE)

12:15 – 12:35 PM

### Studies and possible mitigation of electron cloud effects in FCC-ee

**Speaker**

Fatih Yaman (REMOTE)

12:35 – 1:05 PM

### Collective effects studies in FCC-ee

**Speaker**

Emanuela Carideo

1:15 PM

2:30 PM

## WG4: Beam-beam & Instabilities (parallel)

**Session** | **Location:** Aula Touschek, Link #1 | **Conveners:** Mikhail Zobov, FRANK ZIMMERMANN

2:30 – 3:00 PM

### FCC-ee parameter choice for luminosity optimization

**Speaker**  
Dmitry Shatilov

3:00 - 3:30 PM **Towards beam-beam simulations for FCC-ee**

**Speaker**  
Peter Kicsiny

3:30 - 4:00 PM **Impedance and Collective effects studies for PETRA-IV**

**Speaker**  
Chao Li

4:30 PM