

# eeFACT 2025 - 66th ICFA Advanced Beam Dynamics Workshop on High Luminosity Circular e<sup>+</sup>e<sup>-</sup> Colliders



**Monday, 3 March 2025 - Friday, 7 March 2025**

**EPOCHAL**

## **Scientific Programme**

## **WG1 : Present and future colliders**

Convener : Frank Zimmermann (CERN), Yuki Yoshi Ohnishi (KEK), Angeles Faus-Golfe(IJCLab)

## **WG2 : Physics**

Convener : Akimasa Ishikawa (KEK), Jenny List (DESY)

## **WG3 : Optics & Beam Dynamics**

Convener : Katsunobu Oide (Univ. of Geneva), Catia Milardi (INFN)

## **WG4 : Beam-beam & Instabilities**

Convener : Yuan Zhang (IHEP), Xavier Buffat (CERN)

## **WG5 : Machine Detector Interface**

Convener : Manuela Boscolo (INFN), Michael Sullivan (SLAC)

## **WG6 : Injector, Injection**

Convener : Kazuro Furukawa (KEK), Paolo Craievich (PSI)

## **WG7 : Beam Instrumentation**

Convener : Hitomi Ikeda (KEK), Stefano Mazzoni (CERN)

## **WG8 : Polarization, Energy calibration, Monochromatization**

Convener : Ivan Koop (BINP), Jacqueline Keintzel (CERN)

## **WG9 : Vacuum**

Convener : Kyo Shibata (KEK), Oleg Malyshev (Daresbury)

## **WG10 : Magnets, IR, Alignment**

Convener : Mika Masuzawa (KEK), Helene Mainaud Durand (CERN)

## **WG11 : RF**

Alessandro Gallo (INFN), Kazunori Akai (KEK)

## **WG12 : Cryogenics, Infrastructures**

Convener : Gao Jie (IHEP), Hirotaka Nakai (KEK)

## **WG13 : Machine learning and automatic tuning**

Convener : Auralee Edelen (SLAC), Rogelio Tomas (CERN)

## **Special Session : Discussion on combined effects of different physical processes**

Chair : Yunhai Cai (SLAC)