

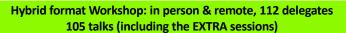
The INFN Frascati National Laboratories hosted the ICFA Advanced Beam Dynamics Workshop on High Luminosity Circular e⁺e⁻ Colliders (eeFACT2022).

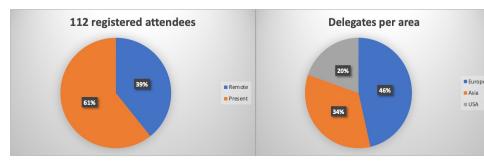
This workshop is organized in the context and with sponsoring of the ICFA Beam Dynamics Panel and EU/IFAST funded European Network for Accelerator Performance and Concepts (APEC). This is a biannual meeting, but we had to skip 2020 (and 2021) edition due to the covid-19 pandemic.

eeFACT2022 scope:

- Reviewing and documenting the state of the art in e+e- factory design
- Reviewing and drawing lessons from SuperKEKB phase 3 commissioning
- Catalyzing further contributions to the SuperKEKB, FCC, CEPC & tau-charm design efforts
- Fostering synergies and new collaborations across communities, in particular with low-emittance light sources and other colliders (muon, linear, e-ion) and between continents
- · Jointly developing novel solutions to outstanding problems

Website: https://agenda.infn.it/event/21199/overview









Topics were divided in 13 Working Groups, each assigned to 2 conveners, and the program built accordingly

WG1	Levichev/Biagini	Overview of colliders (including muon & e-ion colliders)
WG2	Branchini/Dam	Physics & Detector
WG3	Oide/Gao	Optics & Beam Dynamics
WG4	Zobov/Zimmermann	Beam-beam & Instabilities
WG5	Boscolo/Sullivan	Interaction Region & MDI & Backgrounds
WG6	Seeman/Furukawa	Injection
WG7	Ikeda/Wendt	Instrumentation
WG8	Bogomyagkov/Gianfelice	Polarization and energy calibration
WG9	Kersevan/Shibata	Vacuum
WG10	Parker/Koop/Li	Magnets
WG11	Brunner/Rimmer	RF
WG12	Qin/Funakoshi	Infrastructures, Cryogenics, Commissioning & Operation
WG13	Faus-Golfe/Wenninger	Monochromatization

Two EXTRA sessions were organized after the Workshop, to address "Luminosity and Electrical power projections for various e'e' Factories"

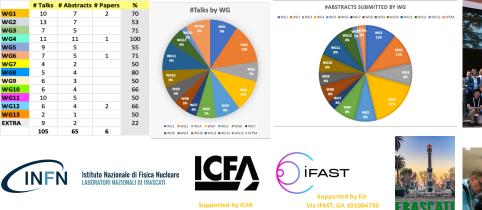


Welcome cocktail



Friday, 16 Septe

Statistics of abstracts and papers submitted by WG as of October 27th, deadline is November 30th (Note: EXTRA talks were not asked to submit a paper)









Social dinner (with a view!)