

Session Program

Jun 5 - 9, 2023



FCC Week 2023

Poster session and Wine & cheese

Millennium Gloucester Hotel London Kensington
4-18 Harrington Gardens London, United Kingdom SW7 4LH

Thu, June 8

5:00 PM

Poster session and Wine & cheese

Session | **Location:** Santosa Suite

5:00 – 5:01 PM Wakefields of the FCC-ee collimation system

Speaker

Dr Mostafa Behtouei

5:01 – 5:02 PM

Recent developments in surface conditioning measurements and vacuum simulations

Speaker

Peter Lindquist Henriksen

5:02 – 5:03 PM Study status on CEPC MDI IR design

Speaker

Haoyu Shi

5:03 – 5:04 PM Code development with real lattice and its initial application

Speaker

Zhiyuan Li

5:04 – 5:05 PM Precision studies at FCC-hh with diboson production.

Speaker

Alejo Nahuel Rossia

5:05 – 5:06 PM FCC as a Tera-Z-plus flavor factory

Speaker

LINGFENG LI

5:06 – 5:07 PM Preliminary study of the passive machine protection for CEPC

Speaker

王欲听 wangyuting

5:07 – 5:08 PM Modeling beam-beam effects for the FCC-ee with Xsuite

Speaker

Peter Kicsiny

5:08 – 5:09 PM

First high power testing of conductive ceramic windows for the SRF cavity couplers

Speaker

Alexei Kanareykin

5:09 – 5:10 PM Active learning for DA simulations

Speaker

Davide Di Croce

5:10 – 5:11 PM **Higgs studies at the FCC-ee**

Speaker

Francisco Gameiro Casalinho

5:11 – 5:12 PM **The CEPC radiation protection issues**

Speaker

Dr Guangyi Tang

5:12 – 5:13 PM

Prototype design of an electro-optical diagnostic for longitudinal bunch profile measurements at FCC-ee

Speaker

Micha Reißig

5:13 – 5:14 PM **A positron source demonstrator for future colliders**

Speaker

Paolo Craievich

5:14 – 5:15 PM

Ferroelectric Fast Reactive Tuner for SRF Cavities - Material Properties and its Applications

Speaker

Dr Alexei Kanareykin

5:15 – 5:16 PM

Future Circular Collider (FCC) Dual Readout: a step closer to a scalable solution

Speakers

Prof. Alessandro Gabrielli, Paolo Giacomelli

5:16 – 5:17 PM

Structural Optimization of Future Circular Collider Interaction Region Support Structure

Speaker

Francesco Fransesini

5:17 – 5:18 PM **Circulant Matrix Model For Flat Beams: First Steps.**

Speaker

Roxana Soos

5:18 – 5:19 PM **Proposal of an alternative coupling correction scheme at FCC-ee**

Speaker

Andrea Ciarma

5:19 – 5:20 PM **Characterisation of the Beamstrahlung radiation at FCC-ee**

Speaker

Andrea Ciarma

5:20 – 5:21 PM **FCC-ee: Vacuum System Technologies R&D**

Speaker

Mr Sam Rorison

5:21 – 5:22 PM

Monochromatization Interaction Region Optics Design for Direct s-channel production at FCC-ee**Speaker**

Zhandong Zhang

5:22 – 5:23 PM

The FCC-ee HTS4 Project**Speakers**

Mrs Vasiliki Batsari, Michael Koratzinos

5:23 – 5:24 PM

FCC-ee Arc Half-Cell Mock-up Project: Dynamic stability analysis**Speakers**

Ms Audrey Piccini, Federico Carra, Lucie Baudin

5:24 – 5:25 PM

Review of MAD-X for FCC-ee studies**Speaker**

Guillaume Simon

5:25 – 5:26 PM

Overview of Kicker Magnets for FCC-ee and equivalent circuit modelling for the beam dump kicker magnet.**Speaker**

Petr Martinek

5:26 – 5:27 PM

Design of the FCC-ee Positron Damping Ring and Transfer Line**Speakers**

Alex Keyken, Darren Zeming Chan, Emily Rose Howling, Mr John Patrick Salvesen

5:27 – 5:28 PM

Initial Studies on Input signals for FCCee Interaction Point Fast Feedback Systems**Speaker**

Mr John Patrick Salvesen

6:30 PM