



# FCC Week 2024

## Wednesday, 12 June 2024

### Joint effort PED & accelerators: Machine Detector Interface (i) - Elizabethan A (13:30 - 15:00)

-Conveners: Fabrizio Palla

time	[id] title	presenter
13:30	[139] MDI Overview	BOSCOLO, Manuela
13:50	[140] Mechanical model of the MDI	FRANSESINI, Francesco
14:05	[1] Optimization of the FCC-ee IR beam pipe elements for minimum of the wake field energy loss responsible for the heat load.	NOVOKHATSKI, Alexander
14:20	[143] IR magnet system	SEEMAN, John Theodore
14:40	[142] Radiation dose from Fluka simulation in the MDI area	FRASCA, Alessandro

# Thursday, 13 June 2024

## **Joint effort PED & accelerators: Machine Detector Interface (ii) - Elizabethan A (10:30 - 12:00)**

-Conveners: **Manuela Boscolo**

time	[id] title	presenter
10:30	[141] Vertex detector design and integration	PALLA, Fabrizio
10:45	[28] Status and Perspectives for FCC-ee Detector Background Studies	CIARMA, Andrea
11:00	[144] Synchrotron Radiation background studies	ANDRE, Kevin Daniel Joel
11:20	[145] Beam-gas beam losses and MDI collimators	BROGGI, Giacomo
11:35	[5] A new framework for synchrotron radiation studies in the EIC experiment	NATOCHII, Andrii

## **Joint effort PED & accelerators: EPOL (i) - Elizabethan A (13:30 - 15:00)**

-Conveners: **Guy Wilkinson**

time	[id] title	presenter
13:30	[146] Introduction and overview	WILKINSON, Guy
13:50	[147] Polarized positron production	GRAMES, Joseph
14:10	[148] Experiments at existing facilities	KEINTZEL, Jacqueline
14:30	[149] The EIC polarimeter, and lessons for the FCC	GASKELL, Dave

## **Joint effort PED & accelerators: EPOL (ii) - Elizabethan A (15:30 - 17:03)**

-Conveners: **Jacqueline Keintzel**

time	[id] title	presenter
15:30	[150] Simulation polarization studies at the FCC	WU, Yi
15:48	[151] Polarized electrons at the EIC, and lessons for the FCC	HOFFSTAETTER DE TORQUAT, Georg
16:06	[152] The FCC polarimeter	Dr KIEFFER, Robert
16:25	[154] First thoughts on the FCC depolarizer	HOFLE, Wolfgang
16:43	[153] Lessons from LEP, and final steps towards the Final Report of the Feasibility Study	TORRENCE, Eric