Session Program

29 January 2024 to 2 February 2024

7th FCC Physics Workshop

Parallel 2

Laboratoire d'Annecy de physique des particules
9 Chemin de Bellevue, 74940 Annecy-le-Vieux, France

Tuesday 30 January

09:00

Parallel 2: Joint session: Detector & MDI
Session | **Location:** LAPP, Petit Amphi | **Convener:** Didier Claude Contardo

09:00–09:20 **Vertex Detector**

Speaker
Fabrizio Palla

09:22–09:42 **Progress on air cooling of the vertex detector**

Speaker
Cristiano Turrioni

09:44–10:04 **Vertex detector and silicon wrapper simulation and material budget**

Speaker
Armin Ilg

10:04–10:24 **First studies on detector integration in the beamline**

Speaker
Andrea Gaddi

10:30

11:00

Parallel 2: Detectors - Calorimetry
Session | **Location:** LAPP, Petit Amphi | **Convener:** Marc-Andre Pleier

11:00–11:15

Towards occupancy and bandwidth requirements for highly granular calorimeters at FCCee

Speaker
Vincent Boudry

11:18–11:33 **First results from CalVision**

Speaker
Sarah Eno

11:36–11:51 **Fibre-based Dual Readout**

Speaker
Andrea Pareti

11:54–12:09 **Noble Liquid calorimetry**

Speaker
Juska Pekkanen

12:12–12:27 **Fine-grain calorimetry - Grainita**

Speaker
Stephane Monteil

12:30

17:45

Parallel 2: Detectors - Tracking and Vertexing
Session | **Location:** LAPP, Petit Amphi | **Convener:** Mogens Dam

17:45–18:01 **Progress and Developments on the IDEA Drift Chamber [remote]**

Speaker
Margherita Primavera

18:05–18:21 **The ALICE ITS3 Project and Opportunities for FCC-ee**

Speaker
Kunal Gautam

18:25–18:41 **Support Structures for Si Detectors**

Speakers
Corrado Gargiulo, Corrado Gargiulo

18:45

Wednesday 31 January

09:00

Parallel 2: MDI
Session | **Location:** LAPP, Petit Amphi | **Convener:** Frank Zimmermann

09:00–09:20 **Progress on the MDI mechanical design**

Speaker
Francesco Fransesini

09:20–09:40 **Status of the IR magnet system design**

Speaker
John Seeman

09:40–10:00 **Solenoid Coupling compensation scheme**

Speaker
Andrea Ciarma

10:30

11:00

Parallel 2: MDI
Session | **Location:** LAPP, Petit Amphi | **Convener:** John Theodore Seeman

11:00–11:20 **Vacuum system and requirements in the IR**

Speaker
Roberto Kersevan

11:20–11:40 **Synchrotron Radiation Background**

Speaker
Kevin Daniel Joel Andre

11:40–12:00 **IR Beam losses and collimation system [remote]**

Speaker
Andrey Abramov

12:00–12:20

Results and prospects of radiation level studies in the FCC Interaction Region

Speaker
Alessandro Frasca

12:30

17:45

Parallel 2: MDI
Session | **Location:** LAPP, Petit Amphi | **Convener:** Manuela Boscolo

17:45–18:10 **LCCO Final Focus beam dynamics studies**

Speakers
Kevin Daniel Joel Andre, Pantaleo Raimondi

18:10–18:25 **Status of the beam-Beam studies**

Speaker
Peter Kicsiny

18:25–18:45 **An FCC-ee vibrations study for its MDI**

Speaker

Eva Montbarbon

18:45

Thursday 1 February

11:00

Parallel 2: EPOL
Session | **Location:** LAPP, Petit Amphi

5

11:00–11:20 **Prospects for polarization and energy measurements at CEPC**

Speaker
Duan,Zhe duanz

11:20–11:40 **Progress with polarimeter studies and design**

Speaker
Aurelien Martens

11:40–12:00 **Polarization studies at KARA**

Speaker
Jacqueline Keintzel

12:00–12:20 **Progress on orbit correction for polarization studies [remote]**

Speaker
Yi Wu

12:30

17:45

Parallel 2: EPOL
Session | **Location:** LAPP, Petit Amphi

17:45–18:05 **Progress on energy measurements [remote]**

Speaker
Ivan Koop

18:05–18:25 **Progress on opposite sign dispersion and offset studies**

Speaker
Alain Blondel

18:25–18:45 **Progress on monochromatization studies**

Speaker
Angeles Faus-Golfe

18:45