

DPG Rehearsals

Report of Contributions

Contribution ID: 1

Type: **not specified**

Time-of-flight particle identification at future Higgs factories

Monday 13 March 2023 10:30 (30 minutes)

Presenter: DUDAR, Bohdan (FTX (FTX Fachgruppe SLB))

Session Classification: Session I: e+e- (SR 03)

Contribution ID: 2

Type: **not specified**

A Particle Identification Framework for Future Higgs Factories

Monday 13 March 2023 10:00 (30 minutes)

Presenter: EINHAUS, Ulrich (FTX (Fachgruppe SLB))

Session Classification: Session I: e+e- (SR 03)

Contribution ID: 4

Type: **not specified**

Tuning Pythia8 for future e^+e^- colliders

Monday 13 March 2023 11:00 (30 minutes)

Presenter: Dr ZHAO, Zhijie (FTX (Technol. zukuenft. Teilchenph. Experim.))

Session Classification: Session I: e^+e^- (SR 03)

Contribution ID: 9

Type: **not specified**

Characterisation of a novel trigger and timing plane for the EUDET telescopes

Monday 13 March 2023 13:00 (30 minutes)

Presenter: WINTLE, Arianna (FTX (FTX Fachgruppe TBT))

Session Classification: Session II: TBT, LUXE (SR 03)

Contribution ID: **10**

Type: **not specified**

Invited Talk: LUXE Overview

Tuesday 14 March 2023 14:00 (1 hour)

Presenter: JACOBS, Ruth Magdalena (FHR (Bereichsreferent FH))

Session Classification: Session IV: Calo, LUXE, SW (SR 05)

Contribution ID: 11

Type: **not specified**

Prototype for a Cherenkov detector used for the LUXE Experiment

Monday 13 March 2023 13:30 (30 minutes)

Presenter: ATHANASSIADIS, Antonios (FTX (FTX Fachgruppe SLB))

Session Classification: Session II: TBT, LUXE (SR 03)

Contribution ID: 12

Type: **not specified**

Track reconstruction of charged particles using a 4D quantum algorithm

Monday 13 March 2023 14:00 (30 minutes)

Presenter: SPATARO, David (FTX (FTX Fachgruppe SLB))

Session Classification: Session II: TBT, LUXE (SR 03)

Contribution ID: 13

Type: **not specified**

QUBO partitioning and choice of quantum device for charged particle track reconstruction at LUXE

Monday 13 March 2023 14:30 (30 minutes)

Presenter: KROPF, Annabel (DESY)

Session Classification: Session II: TBT, LUXE (SR 03)

Contribution ID: 14

Type: **not specified**

Compton transmission polarimetry of LPA-accelerated electron beams

Tuesday 14 March 2023 10:00 (30 minutes)

Presenter: POPP, Jennifer (FTX (FTX Fachgruppe SLB))

Session Classification: Session III: LEAP, Calo, Plasma (SR 05)

Contribution ID: 15

Type: **not specified**

Towards spin-polarized electron beams from a Laser Plasma Accelerator

Tuesday 14 March 2023 10:30 (30 minutes)

Presenter: STEHR, Felix Paul Georg (FTX)

Session Classification: Session III: LEAP, Calo, Plasma (SR 05)

Contribution ID: 16

Type: **not specified**

Plasma Density Evolution Background to the Ion-motion Recovery in a Beam-driven Plasma-wakefield Accelerator

Tuesday 14 March 2023 11:30 (30 minutes)

Presenter: BEINORTAITE, Judita (DESY-FTX-AST)

Session Classification: Session III: LEAP, Calo, Plasma (SR 05)

Contribution ID: 17

Type: **not specified**

Group Talk: Large Energy Depletion of a Beam Driver in a Plasma-Wakefield Accelerator

Thursday 16 March 2023 11:00 (50 minutes)

Presenter: PEÑA, Felipe (FTX (FTX Fachgruppe AST))

Session Classification: Session V: Plasma

Contribution ID: **18**

Type: **not specified**

Evaluation of the Performance of SiPM-on-Tiles at the End of Life of the CMS HGCAL Upgrade

Tuesday 14 March 2023 13:00 (30 minutes)

Presenter: DE SILVA, Lindamulage Malinda Shiram (FLC (FTX Fachgruppe DTA))

Session Classification: Session IV: Calo, LUXE, SW (SR 05)

Contribution ID: **19**

Type: **not specified**

Quality control for SiPM-on-tile section of the CMS HGCAL at DESY

Tuesday 14 March 2023 13:30 (30 minutes)

Presenter: SELIVANOVA, Daria (FTX (FTX Fachgruppe DTA))

Session Classification: Session IV: Calo, LUXE, SW (SR 05)

Contribution ID: 20

Type: **not specified**

Multi-layer tile modules test system using cosmic ray for the CMS HGCAL upgrade

Tuesday 14 March 2023 11:00 (30 minutes)

Presenter: LI, Jia-Hao (FTX (FTX Fachgruppe DTA))

Session Classification: Session III: LEAP, Calo, Plasma (SR 05)

Contribution ID: 21

Type: **not specified**

Multi-parameter Conditioning of Generative Models for Fast Simulation of Highly Granular Calorimeter Showers

Tuesday 14 March 2023 15:00 (30 minutes)

Presenter: MCKEOWN, Peter (FTX (FTX Fachgruppe SFT))

Session Classification: Session IV: Calo, LUXE, SW (SR 05)

Contribution ID: 22

Type: **not specified**

Generative Modeling with Diffusion Neural Networks for Fast Simulation of Electromagnetic Showers in the International Large Detector

Tuesday 14 March 2023 15:30 (30 minutes)

Presenter: KOROL, Anatolii (FTX (FTX Fachgruppe SFT))

Session Classification: Session IV: Calo, LUXE, SW (SR 05)

Contribution ID: 24

Type: **not specified**

Generating Accurate Showers in Highly Granular Calorimeters Using Normalizing Flows

Thursday 16 March 2023 20:00 (20 minutes)

Presenter: BUSS, Thorsten Lars Henrik (UNI/EXP (Uni Hamburg, Institut für Experimentalphysik))

Session Classification: No rehearsal - for reference documentation

Contribution ID: 25

Type: **not specified**

Computational fluid dynamics simulations of discharge capillary waveguides at FLASHForward for high-repetition-rate plasma-wakefield acceleration

Thursday 16 March 2023 20:20 (20 minutes)

Presenter: KANEKAR, Advait (None)

Session Classification: No rehearsal - for reference documentation