

CI Postgraduate Conference

Report of Contributions

Contribution ID: 1

Type: **not specified**

Registration & Refreshments

Tuesday, 15 November 2022 10:00 (30 minutes)

Contribution ID: 2

Type: **not specified**

Welcome

Tuesday, 15 November 2022 10:30 (10 minutes)

Contribution ID: 3

Type: **not specified**

Introduction to CI PG 2022

Tuesday, 15 November 2022 10:40 (5 minutes)

Presenter: APSIMON, Oznur (The University of Liverpool and Cockcroft Institute)

Contribution ID: 4

Type: **not specified**

Designing a gamma factory using inverse Compton scattering

Tuesday, 15 November 2022 10:45 (15 minutes)

Presenter: MORRISON, Alexander (University of Guelph)

Contribution ID: 5

Type: **not specified**

Developments towards Optimising a Gas Jet-Based Beam Profile Monitor for the HL-LHC

Tuesday, 15 November 2022 11:00 (15 minutes)

Contribution ID: 6

Type: **not specified**

Absolute calibration of SEM monitors in CERN fixed target beamlines

Tuesday, 15 November 2022 11:15 (15 minutes)

Contribution ID: 7

Type: **not specified**

Calibration and pattern recognition algorithms for the LHC beam loss instrumentation

Tuesday, 15 November 2022 11:30 (15 minutes)

Contribution ID: 8

Type: **not specified**

Optimising Photocathodes for Next Generation Light Sources. A Theoreticians Perspective

Tuesday, 15 November 2022 11:45 (15 minutes)

Contribution ID: 9

Type: **not specified**

Lunch and Poster Session

Tuesday, 15 November 2022 12:00 (1h 30m)

Contribution ID: **10**

Type: **not specified**

Group Photo

Tuesday, 15 November 2022 13:30 (15 minutes)

Contribution ID: 11

Type: **not specified**

Terahertz-driven electron deflection: Modelling and measurement

Tuesday, 15 November 2022 13:45 (15 minutes)

Contribution ID: 12

Type: **not specified**

Single shot emittance diagnostics development for **AWAKE**

Tuesday, 15 November 2022 14:00 (15 minutes)

Contribution ID: 13

Type: **not specified**

Strong field QED and beyond the standard model at DL

Tuesday, 15 November 2022 14:15 (15 minutes)

Contribution ID: 14

Type: **not specified**

Moment tracking to improve PIC codes for astrophysical plasmas

Tuesday, 15 November 2022 14:30 (15 minutes)

Contribution ID: 15

Type: **not specified**

Refreshments

Tuesday, 15 November 2022 14:45 (30 minutes)

Contribution ID: **16**

Type: **not specified**

Distorted Coherent Synchrotron Radiation Kicks

Tuesday, 15 November 2022 15:15 (15 minutes)

Contribution ID: 17

Type: **not specified**

Developing a two-colour all-fibre balanced optical cross-correlator for sub-femtosecond synchronisation

Tuesday, 15 November 2022 15:30 (15 minutes)

Contribution ID: **18**

Type: **not specified**

A Current Overview of the Design of an S-Band Proton Radiotherapy Linac

Tuesday, 15 November 2022 15:45 (15 minutes)

Contribution ID: 19

Type: **not specified**

Using optimisation techniques to improve industrial linac designs

Tuesday, 15 November 2022 16:00 (15 minutes)

Contribution ID: 20

Type: **not specified**

Simulations of Ultrahigh Brightness Beams form a Plasma Photocathode Injector

Tuesday, 15 November 2022 16:15 (15 minutes)

Contribution ID: 21

Type: **not specified**

Improved Beam Dynamics Through Control of Magnetic Fringe Fields

Tuesday, 15 November 2022 16:30 (15 minutes)

Contribution ID: 22

Type: **not specified**

The effect of activation duration on the performance of non-evaporable getter coatings

Tuesday, 15 November 2022 16:45 (15 minutes)

Contribution ID: 23

Type: **not specified**

Refreshments

Tuesday, 15 November 2022 17:00 (30 minutes)

Contribution ID: 24

Type: **not specified**

Selection Panel Discussion

Tuesday, 15 November 2022 17:00 (30 minutes)

Contribution ID: 25

Type: **not specified**

Announcement of Prize Winners and Photos

Tuesday, 15 November 2022 17:30 (15 minutes)