

ACOT Poster Session - April 2022



Report of Contributions

Contribution ID: 1

Type: **not specified**

103Pd production utilizing a liquid target set-up

Wednesday, 27 April 2022 09:30 (1 hour)

Presenter: KROL, Viktoria (TRIUMF, University of Edinburgh)

Session Classification: Life Sciences

Contribution ID: 2

Type: **not specified**

HEDGEHOG: a ridge filter design for FLASH proton therapy

Wednesday, 27 April 2022 09:30 (1 hour)

Presenter: RODDY, David (TRIUMF, University of Edinburgh)

Session Classification: Life Sciences

Contribution ID: 3

Type: **not specified**

Compact Dielectric Wall Accelerator for Proton Therapy

Wednesday, 27 April 2022 09:30 (1 hour)

Presenter: JUNG, Paul (TRIUMF)

Session Classification: Accelerator Sciences

Contribution ID: 4

Type: **not specified**

New strategies and developments for understanding the ISAC targets performance

Wednesday, 27 April 2022 09:30 (1 hour)

Presenter: LAXDAL, Aurelia (TRIUMF)

Session Classification: Accelerator Sciences

Contribution ID: 5

Type: **not specified**

Beam-Beam Long-Range compensation in the LHC

Wednesday, 27 April 2022 09:30 (1 hour)

Presenter: BÉLANGER, Philippe (TRIUMF)

Session Classification: Accelerator Sciences

Contribution ID: 6

Type: **not specified**

Radioactive Ion Beam (RIB) Production with a Forced Electron Beam Induced Arc Discharge (FEBIAD) ion source

Wednesday, 27 April 2022 09:30 (1 hour)

Presenter: MALDONADO MILLAN, Fernando Alejandro (UVIC/TRIUMF)

Session Classification: Accelerator Sciences

Contribution ID: 7

Type: **not specified**

Projection studies of Higgs boson pair (HH) production to bbbb final state at the HL-LHC using the ATLAS detector

Wednesday, 27 April 2022 09:30 (1 hour)

Presenter: SAM, Colm (CERN / UBC)

Session Classification: Particle Physics, Science Technology, & Scientific Computing

Contribution ID: 8

Type: **not specified**

Precision Antihydrogen Annihilation Reconstructions using the ALPHA-g Apparatus

Wednesday, 27 April 2022 09:30 (1 hour)

Presenter: WOOSAREE, Pooja (University of Calgary)

Session Classification: Particle Physics, Science Technology, & Scientific Computing

Contribution ID: 9

Type: **not specified**

Deep Learning for Pion Identification and Energy Calibration with the ATLAS Detector

Wednesday, 27 April 2022 09:30 (1 hour)

Presenter: PORTILLO QUINTERO, Dilia Maria (CERN)

Session Classification: Particle Physics, Science Technology, & Scientific Computing

Contribution ID: 10

Type: **not specified**

Long-Range Magnetic Order in the Magnetodielectric Regime of Ce₂O₃

Wednesday, 27 April 2022 09:30 (1 hour)

Presenter: COTE, Alexandra N (University of Illinois Urbana-Champaign)

Session Classification: Molecular and Materials Science

Contribution ID: 11

Type: **not specified**

Applications of ab initio nuclear theory to tests of fundamental symmetries

Wednesday, 27 April 2022 09:30 (1 hour)

Presenter: GENNARI, Michael (TRIUMF / UVIC)

Session Classification: Theory

Contribution ID: 12

Type: **not specified**

Towards measuring the ratio of scalar to vector transition polarizabilities in the 7S → 8S transition in francium

Wednesday, 27 April 2022 09:30 (1 hour)

Presenter: SHARMA, Anima (University of Manitoba)

Session Classification: Nuclear Physics

Contribution ID: 13

Type: **not specified**

New tool for sensitivity analysis in r-process nucleosynthesis studies - a case study in the rare-earth peak region

Wednesday, 27 April 2022 09:30 (1 hour)

Presenter: SAITO, Yukiya (The University of British Columbia / TRIUMF)

Session Classification: Nuclear Physics

Contribution ID: 14

Type: **not specified**

Transmission Efficiency Prediction Model for EMMA and Estimation of Uncertainties by Apertures

Wednesday, 27 April 2022 09:30 (1 hour)

Presenter: PAK, Kihong (Hanyang University)

Session Classification: Nuclear Physics

Contribution ID: 15

Type: **not specified**

Water Cherenkov Test Experiment

Wednesday, 27 April 2022 09:30 (1 hour)

Presenter: PAVIN, Matej (TRIUMF)

Session Classification: Particle Physics, Science Technology, & Scientific Computing

Contribution ID: 16

Type: **not specified**

The TUCAN Magnetism Lab (and how it's important for the nEDM)

Wednesday, 27 April 2022 09:30 (1 hour)

Presenter: SHOPINA, Polina (TRIUMF)

Session Classification: Particle Physics, Science Technology, & Scientific Computing