

Y1 PhD presentations

Report of Contributions

Contribution ID: 1

Type: **not specified**

Sensitivity study of $B^0 \rightarrow K^0 \mu^+ \mu^-$ [1270]

Tuesday, 14 June 2022 09:30 (10 minutes)

Presenter: BROWN, James

Contribution ID: 2

Type: **not specified**

First year report

Tuesday, 14 June 2022 09:40 (10 minutes)

Presenter: TAYLOR, Alan

Contribution ID: 3

Type: **not specified**

Characterisation Of Substrate Resistivity For A Backside Biased HV-CMOS Pixel Test Structure By eTCT

Tuesday, 14 June 2022 09:50 (10 minutes)

Presenter: WADE, Benjamin (University Liverpool)

Contribution ID: 4

Type: **not specified**

Atom Interferometers for Fundamental Physics with MAGIS and AION

Tuesday, 14 June 2022 10:00 (10 minutes)

Presenter: THROSSELL, Henry

Contribution ID: 5

Type: **not specified**

Sterile Neutrino Search at the Fermilab Short Baseline Neutrino (SBN) Program

Tuesday, 14 June 2022 10:10 (10 minutes)

Presenter: SLATER, Beth (University of Liverpool)

Contribution ID: 6

Type: **not specified**

Coffee break

Tuesday, 14 June 2022 10:20 (30 minutes)

Contribution ID: 7

Type: **not specified**

Improving the data quality efficiency at the ATLAS Semiconductor Tracker and searching for Long Lived Axion-like Particles

Tuesday, 14 June 2022 10:50 (10 minutes)

Presenter: IRWIN, Rebecca

Contribution ID: 8

Type: **not specified**

Modelling reactor antineutrino

Tuesday, 14 June 2022 11:00 (10 minutes)

Presenter: MORGAN, Alexander

Contribution ID: 9

Type: **not specified**

Simulation of proton and carbon ion beams for radiotherapy using the TOPAS Monte Carlo software

Tuesday, 14 June 2022 11:10 (10 minutes)

Presenter: ALQAHTANI, Fajer

Contribution ID: 10

Type: **not specified**

A study of secondary particle production from carbon ion beam for radiotherapy using silicon pixel detectors and a water phantom

Tuesday, 14 June 2022 11:20 (10 minutes)

Presenter: ALSUBAYAE, Shaikah