

# **HEP Research Extravaganza, December 2023**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Hardware and Electronics

**Presenter:** SHAH, Aashaq (University of Cambridge (GB))

Contribution ID: 2

Type: **not specified**

## The Neutrino Experiments

**Presenter:** Dr UCHIDA, Melissa (University of Cambridge (GB))

Contribution ID: 3

Type: **not specified**

## Overview

*Wednesday 6 December 2023 13:00 (10 minutes)*

**Presenter:** BALUNAS, William (University of Cambridge (GB))

**Session Classification:** The ATLAS Experiment

Contribution ID: 4

Type: **not specified**

## Physics Results

*Wednesday 6 December 2023 13:10 (15 minutes)*

**Presenter:** WILLIAMS, Sarah Louise (University of Cambridge (GB))

**Session Classification:** The ATLAS Experiment

Contribution ID: 5

Type: **not specified**

## ITk

*Wednesday 6 December 2023 13:25 (15 minutes)*

**Presenter:** LIU, Jesse (University of Cambridge)

**Session Classification:** The ATLAS Experiment

Contribution ID: 6

Type: **not specified**

## Introduction

*Wednesday 6 December 2023 13:40 (5 minutes)*

**Presenter:** KENZIE, Matthew William (University of Cambridge (GB))

**Session Classification:** The LHCb Experiment

Contribution ID: 7

Type: **not specified**

## LHCb reconstruction

*Wednesday 6 December 2023 13:45 (8 minutes)*

**Presenter:** Dr JONES, Christopher Rob (University of Cambridge (GB))

**Session Classification:** The LHCb Experiment

Contribution ID: 8

Type: **not specified**

## Upgrade II: RICH

*Wednesday 6 December 2023 13:53 (8 minutes)*

**Presenter:** FOULDS-HOLT, Daniel (University of Cambridge (GB))

**Session Classification:** The LHCb Experiment

Contribution ID: 9

Type: **not specified**

## Upgrade II: MightyTracker

*Wednesday 6 December 2023 14:01 (5 minutes)*

**Presenter:** GAO, Tian-Qi (University of Cambridge (GB))

**Session Classification:** The LHCb Experiment

Contribution ID: **10**

Type: **not specified**

## Rare Decays

*Wednesday 6 December 2023 14:06 (8 minutes)*

**Presenter:** CLIFF, Harry Victor (University of Cambridge (GB))

**Session Classification:** The LHCb Experiment

Contribution ID: **11**

Type: **not specified**

## CP violation

*Wednesday 6 December 2023 14:14 (8 minutes)*

**Presenter:** BUTTER, Jordy (University of Cambridge (GB))

**Session Classification:** The LHCb Experiment

Contribution ID: **12**

Type: **not specified**

## **New release (exclusive for the HEP extravaganza)**

*Wednesday 6 December 2023 14:22 (3 minutes)*

**Session Classification:** The LHCb Experiment

Contribution ID: **13**

Type: **not specified**

## Future Colliders

*Wednesday 6 December 2023 14:20 (10 minutes)*

**Presenters:** KENZIE, Matthew William (University of Cambridge (GB)); WILLIAMS, Sarah Louise (University of Cambridge (GB))

Contribution ID: **14**

Type: **not specified**

## Intro

*Wednesday 6 December 2023 15:15 (10 minutes)*

**Presenter:** Dr UCHIDA, Melissa (University of Cambridge (GB))

**Session Classification:** The Neutrino Experiments

Contribution ID: **15**

Type: **not specified**

## **talk2**

*Wednesday 6 December 2023 15:25 (15 minutes)*

**Session Classification:** The Neutrino Experiments

Contribution ID: **16**

Type: **not specified**

## **talk3**

*Wednesday 6 December 2023 15:40 (15 minutes)*

**Session Classification:** The Neutrino Experiments

Contribution ID: 17

Type: **not specified**

## Wrap up

*Wednesday 6 December 2023 15:55 (5 minutes)*

**Presenter:** DENNIS, Steve (University of Cambridge)

**Session Classification:** The Neutrino Experiments