

# **Liverpool@CERN Particle Physics School**

## **Report of Contributions**

Contribution ID: 2

Type: **not specified**

## **MAGIS-100**

*Friday, 20 August 2021 11:45 (30 minutes)*

**Presenter:** HAWKINS, Leonie

**Session Classification:** Physics beyond CERN

Contribution ID: 3

Type: **not specified**

**g-2**

*Friday, 20 August 2021 13:30 (30 minutes)*

**Presenter:** HIBBERT, Antony

**Session Classification:** Physics beyond CERN

Contribution ID: 4

Type: **not specified**

## IceCube

*Friday, 20 August 2021 14:00 (30 minutes)*

**Presenter:** MEAD, James

**Session Classification:** Physics beyond CERN

Contribution ID: 5

Type: **not specified**

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**Session Classification:** Physics beyond CERN

Contribution ID: 6

Type: **not specified**

## T2K

*Friday, 20 August 2021 14:30 (30 minutes)*

**Presenter:** PARLONE, Jaiden (University of Liverpool)

**Session Classification:** Physics beyond CERN

Contribution ID: 7

Type: **not specified**

## AWAKE

*Friday, 20 August 2021 15:15 (30 minutes)*

**Presenter:** Mr PERERA, Aravinda

**Session Classification:** Physics beyond CERN

Contribution ID: 8

Type: **not specified**

## Introduction Monday

*Monday, 16 August 2021 10:00 (15 minutes)*

**Presenter:** GONZALEZ LOPEZ, Ricardo (University of Liverpool (GB))

**Session Classification:** Introduction talks



Contribution ID: 9

Type: **not specified**

# Introduction to High Energy Physics

*Monday, 16 August 2021 11:00 (1 hour)*

**Presenter:** CHADWICK, Abbie

**Session Classification:** Lecture

Contribution ID: **10**

Type: **not specified**

## **Standard Model**

*Monday, 16 August 2021 15:00 (1 hour)*

**Presenter:** GONZALEZ LOPEZ, Ricardo (University of Liverpool (GB))

**Session Classification:** Lecture

Contribution ID: 11

Type: **not specified**

## **Beyond Standard Model physics**

*Monday, 16 August 2021 16:00 (1 hour)*

**Presenter:** SULLIVAN, Matthew

**Session Classification:** Lecture

Contribution ID: 12

Type: **not specified**

## Antimatter

*Tuesday, 17 August 2021 10:00 (1 hour)*

**Presenter:** Dr MCKENNA, Joe

**Session Classification:** Lecture

Contribution ID: 13

Type: **not specified**

## Particle Detection

*Tuesday, 17 August 2021 11:00 (1 hour)*

**Presenter:** Dr FRANCO LIMA, Vinicius

**Session Classification:** Lecture

Contribution ID: 14

Type: **not specified**

## **ATLAS Open Data tutorial**

*Tuesday, 17 August 2021 14:30 (2h 30m)*

**Presenter:** GONZALEZ LOPEZ, Ricardo (University of Liverpool (GB))

**Session Classification:** Workshop

Contribution ID: 15

Type: **not specified**

## **Liverpool and HEP**

*Wednesday, 18 August 2021 10:00 (1 hour)*

**Presenter:** BOWCOCK, Themis

**Session Classification:** Lecture

Contribution ID: 16

Type: **not specified**

## Neutrinos

*Wednesday, 18 August 2021 11:00 (1 hour)*

**Presenter:** PARLONE, Jaiden (University of Liverpool)

**Session Classification:** Lecture



Contribution ID: 17

Type: **not specified**

## **LHCb Open Data tutorial**

*Wednesday, 18 August 2021 14:00 (1 hour)*

**Presenter:** CHADWICK, Abbie

**Session Classification:** Workshop

Contribution ID: **18**

Type: **not specified**

## **Introduction to group activity**

*Wednesday, 18 August 2021 12:00 (30 minutes)*

**Presenter:** GONZALEZ LOPEZ, Ricardo (University of Liverpool (GB))

**Session Classification:** Group session

Contribution ID: 19

Type: **not specified**

## Introduction Wednesday

*Wednesday, 18 August 2021 09:55 (5 minutes)*

**Presenter:** GONZALEZ LOPEZ, Ricardo (University of Liverpool (GB))

**Session Classification:** Introduction talks

Contribution ID: 20

Type: **not specified**

## Introduction Tuesday

*Tuesday, 17 August 2021 09:55 (5 minutes)*

**Presenter:** GONZALEZ LOPEZ, Ricardo (University of Liverpool (GB))

**Session Classification:** Introduction talks

Contribution ID: 21

Type: **not specified**

## Introduction Thursday

*Thursday, 19 August 2021 09:55 (5 minutes)*

**Presenter:** GONZALEZ LOPEZ, Ricardo (University of Liverpool (GB))

**Session Classification:** Introduction talks

Contribution ID: 22

Type: **not specified**

## Introduction to Machine Learning

*Thursday, 19 August 2021 10:00 (1 hour)*

**Presenter:** MARSHALL, Phillip

**Session Classification:** Lecture

Contribution ID: 23

Type: **not specified**

## **Farewell and announcements**

*Friday, 20 August 2021 10:00 (15 minutes)*

**Presenter:** GONZALEZ LOPEZ, Ricardo (University of Liverpool (GB))

**Session Classification:** Introduction talks

Contribution ID: 25

Type: **not specified**

## MARA-LEB

*Friday, 20 August 2021 15:45 (30 minutes)*

**Presenter:** Mr ROMERO, Jorge

**Session Classification:** Physics beyond CERN



Contribution ID: 26

Type: **not specified**

## Theoretical High Energy Physics

*Friday, 20 August 2021 16:15 (30 minutes)*

**Presenter:** Mr MCKELVEY, Thomas

**Session Classification:** Physics beyond CERN