

Particle Physics Annual Meeting 2019

Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction by the Head of the Group

Thursday, 19 December 2019 09:00 (10 minutes)

Contribution ID: 2

Type: **not specified**

Year 1 session talks

Thursday, 19 December 2019 09:10 (15 minutes)

The following order will be kept:

Abbie Chadwick
Anthony Hibbert
Adam Abed Abud
Gloria Pereria
Jaiden Parlone
Jan Hammerich
James Smith
Sean Hughes
Leonie Hawkins

Contribution ID: 3

Type: **not specified**

Welcome and group news

Contribution ID: 4

Type: **not specified**

Eloisa Arena

Thursday, 19 December 2019 09:30 (4 minutes)

Presenter: ARENA, Eloisa

Session Classification: Year 2 student presentations Part I

Contribution ID: 5

Type: **not specified**

Alessandro Biondini

Thursday, 19 December 2019 09:36 (4 minutes)

Presenter: BIONDINI, Alessandro (University of Liverpool)

Session Classification: Year 2 student presentations Part I

Contribution ID: 6

Type: **not specified**

Adam Ruby

Thursday, 19 December 2019 09:42 (4 minutes)

Presenter: RUBY, Adam (University of Liverpool)

Session Classification: Year 2 student presentations Part I

Contribution ID: 7

Type: **not specified**

Ricardo Gonzalez

Thursday, 19 December 2019 09:48 (4 minutes)

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

Session Classification: Year 2 student presentations Part I

Contribution ID: 8

Type: **not specified**

Thomas Ackernley

Thursday, 19 December 2019 09:54 (4 minutes)

Presenter: ACKERNLEY, Thomas

Session Classification: Year 2 student presentations Part I

Contribution ID: 9

Type: **not specified**

Jordan Li

Thursday, 19 December 2019 10:00 (4 minutes)

Presenter: LI, Zhiyuan

Session Classification: Year 2 student presentations Part I

Contribution ID: **10**

Type: **not specified**

Pruthvi Mehta

Thursday, 19 December 2019 10:06 (4 minutes)

Presenter: MEHTA, Pruthvi

Session Classification: Year 2 student presentations Part I

Contribution ID: **11**

Type: **not specified**

Matthew Cox

Thursday, 19 December 2019 10:12 (4 minutes)

Presenter: Mr COX, Matthew (UoL, LIP & SNO+)

Session Classification: Year 2 student presentations Part I

Contribution ID: **12**

Type: **not specified**

Thomas Ham

Thursday, 19 December 2019 10:18 (4 minutes)

Presenter: HAM, Thomas (University of Liverpool)

Session Classification: Year 2 student presentations Part I

Contribution ID: **13**

Type: **not specified**

Steve Tickle

Thursday, 19 December 2019 10:50 (4 minutes)

Presenter: TICKLE, Steve (Liverpool University)

Session Classification: Year 2 student presentations Part II

Contribution ID: **14**

Type: **not specified**

Ewan Fraser (to-be-confirmed)

Thursday, 19 December 2019 10:56 (4 minutes)

Presenter: FRASER, Ewan

Session Classification: Year 2 student presentations Part II

Contribution ID: **15**

Type: **not specified**

Harvey Birch

Thursday, 19 December 2019 11:02 (4 minutes)

Presenter: BIRCH, Harvey

Session Classification: Year 2 student presentations Part II

Contribution ID: **16**

Type: **not specified**

James Gooding

Thursday, 19 December 2019 11:08 (4 minutes)

Presenter: GOODING, James

Session Classification: Year 2 student presentations Part II

Contribution ID: 17

Type: **not specified**

Sam Hindley

Thursday, 19 December 2019 11:14 (4 minutes)

Presenter: HINDLEY, Sam

Session Classification: Year 2 student presentations Part II

Contribution ID: **18**

Type: **not specified**

Jack Ringwood

Thursday, 19 December 2019 11:20 (4 minutes)

Presenter: RINGWOOD, Jack

Session Classification: Year 2 student presentations Part II

Contribution ID: **19**

Type: **not specified**

Mohammed Alsulimane

Thursday, 19 December 2019 11:26 (4 minutes)

Presenter: Mr ALSULIMANE, Mohammad

Session Classification: Year 2 student presentations Part II

Contribution ID: **20**

Type: **not specified**

Sam Powel

Thursday, 19 December 2019 11:32 (4 minutes)

Presenter: POWELL, Samuel

Session Classification: Year 2 student presentations Part II

Contribution ID: **21**

Type: **not specified**

Hamish Teagle

Thursday, 19 December 2019 11:38 (8 minutes)

Presenter: TEAGLE, Hamish

Session Classification: Year 3 student presentations Part I

Contribution ID: 22

Type: **not specified**

Adam Jaspan (cancelled)

Thursday, 19 December 2019 11:49 (8 minutes)

Session Classification: Year 3 student presentations Part I

Contribution ID: 23

Type: **not specified**

Harry Lyons

Thursday, 19 December 2019 12:00 (8 minutes)

Presenter: LYONS, Harry

Session Classification: Year 3 student presentations Part I

Contribution ID: 24

Type: **not specified**

(cancelled)

Thursday, 19 December 2019 13:30 (8 minutes)

Session Classification: Year 3 student presentations Part II

Contribution ID: 25

Type: **not specified**

Tom Harrison

Thursday, 19 December 2019 13:41 (8 minutes)

Presenter: HARRISON, Tom

Session Classification: Year 3 student presentations Part II

Contribution ID: 26

Type: **not specified**

Michael O'Keefe

Thursday, 19 December 2019 13:52 (8 minutes)

Presenter: O'KEEFE, Michael

Session Classification: Year 3 student presentations Part II

Contribution ID: 27

Type: **not specified**

Philip Marshall

Thursday, 19 December 2019 14:03 (8 minutes)

Presenter: MARSHALL, Phillip

Session Classification: Year 3 student presentations Part II

Contribution ID: **28**

Type: **not specified**

Lauren Yeomans

Thursday, 19 December 2019 14:14 (8 minutes)

Presenter: Ms YEOMANS, Lauren

Session Classification: Year 3 student presentations Part II

Contribution ID: 29

Type: **not specified**

Barnaby Philippou

Thursday, 19 December 2019 14:25 (8 minutes)

Presenter: PHILIPPOU, Barney

Session Classification: Year 3 student presentations Part II

Contribution ID: **30**

Type: **not specified**

Julia Vidal

Thursday, 19 December 2019 14:47 (8 minutes)

Presenter: VIDAL, Julia

Session Classification: Year 3 student presentations Part II

Contribution ID: **31**

Type: **not specified**

Gabriel Penn

Thursday, 19 December 2019 14:35 (8 minutes)

Presenter: PENN, Gabriel (University of Liverpool)

Session Classification: Year 3 student presentations Part II

Contribution ID: **32**

Type: **not specified**

Jaggar Henzerling

Thursday, 19 December 2019 14:58 (8 minutes)

Presenter: HENZERLING, Jaggar

Session Classification: Year 3 student presentations Part II

Contribution ID: 33

Type: **not specified**

George Holt

Thursday, 19 December 2019 15:09 (8 minutes)

Presenter: HOLT, George

Session Classification: Year 3 student presentations Part II

Contribution ID: **34**

Type: **not specified**

James Iddon

Thursday, 19 December 2019 15:50 (8 minutes)

Presenter: IDDON, James

Session Classification: Year 3 student presentations Part III

Contribution ID: 35

Type: **not specified**

Ronald Collins

Thursday, 19 December 2019 16:01 (8 minutes)

Presenter: Mr COLLINS, Ronald (University of Liverpool)

Session Classification: Year 3 student presentations Part III

Contribution ID: **36**

Type: **not specified**

Afaf Wasili

Thursday, 19 December 2019 16:12 (8 minutes)

Presenter: WASILI, Afaf

Session Classification: Year 3 student presentations Part III

Contribution ID: 37

Type: **not specified**

Alex Webber-Date

Thursday, 19 December 2019 16:23 (8 minutes)

Presenter: WEBBER-DATE, Alex

Session Classification: Year 3 student presentations Part III

Contribution ID: **38**

Type: **not specified**

Selina Dhinsey

Thursday, 19 December 2019 16:34 (8 minutes)

Presenter: DHINSEY, Selina

Session Classification: Year 3 student presentations Part III

Contribution ID: 39

Type: **not specified**

Alice Baxter

Thursday, 19 December 2019 16:45 (8 minutes)

Presenter: BAXTER, Alice

Session Classification: Year 3 student presentations Part III

Contribution ID: **40**

Type: **not specified**

Matthew Franks

Thursday, 19 December 2019 16:56 (8 minutes)

Presenter: FRANKS, Matthew (The University of Liverpool)

Session Classification: Year 3 student presentations Part III

Contribution ID: 41

Type: **not specified**

Andrew Groves

Thursday, 19 December 2019 17:07 (8 minutes)

Presenter: GROVES, Andrew (University of Liverpool)

Session Classification: Year 3 student presentations Part III

Contribution ID: 42

Type: **not specified**

Welcome and group news

Presenter: VOSSEBELD, Joost (University of Liverpool)

Contribution ID: 43

Type: **not specified**

Welcome and group news (15 minutes)

Friday, 20 December 2019 09:00 (15 minutes)

Presenter: VOSSEBELD, Joost (University of Liverpool)

Session Classification: Morning session I

Contribution ID: 44

Type: **not specified**

Status of LHC-b and LHC-b VeLo Upgrade (20 min talk + 5 min discussion)

Friday, 20 December 2019 09:15 (25 minutes)

Presenter: DREIMANIS, Karlis

Session Classification: Morning session I

Contribution ID: 45

Type: **not specified**

Machine Learning for tracking (10 min talk + 5 min discussion)

Friday, 20 December 2019 09:40 (15 minutes)

Presenter: RINNERT, Kurt

Session Classification: Morning session I

Contribution ID: 46

Type: **not specified**

Lepton experiments - $g-2$, $\mu 2e$, $\mu 3e$ (15 min talk + 5 min discussion)

Friday, 20 December 2019 09:55 (20 minutes)

Presenter: PRICE, Joe

Session Classification: Morning session I

Contribution ID: 47

Type: **not specified**

HV-CMOS / LHCb Mighty Tracker / pEDM polarimeter (15 min talk + 5 min discussion)

Friday, 20 December 2019 10:15 (20 minutes)

Presenter: VILELLA, Eva

Session Classification: Morning session I

Contribution ID: 48

Type: **not specified**

ProtoDUNE, DUNE and SBND (20 min talk + 5 min discussion)

Friday, 20 December 2019 11:00 (25 minutes)

Presenter: RODA, Marco (University of Liverpool)

Session Classification: Morning session II

Contribution ID: 49

Type: **not specified**

ARIADNE (10 min talk + 5 min discussion)

Friday, 20 December 2019 11:25 (15 minutes)

Presenter: ROBERTS, Adam

Session Classification: Morning session II

Contribution ID: 50

Type: **not specified**

T2K, SK, HK (15 min talk + 5 min discussion)

Friday, 20 December 2019 11:40 (20 minutes)

Presenter: TSUI, Ka Ming

Session Classification: Morning session II

Contribution ID: 51

Type: **not specified**

WATCHMAN and VIDARR (10 min talk + 5 min discussion)

Friday, 20 December 2019 12:00 (15 minutes)

Presenter: Dr SCHNELLBACH, Yan-Jie (University of Liverpool)

Session Classification: Morning session II

Contribution ID: 52

Type: **not specified**

SNO+ and LEGEND (10 min talk + 5 min discussion)

Presenter: JOACHIM, Rose

Session Classification: Morning session II

Contribution ID: 53

Type: **not specified**

ATLAS - exploitation (15 min talk + 5 min discussion)

Friday, 20 December 2019 13:30 (20 minutes)

Presenter: KRETZSCHMAR, Jan

Session Classification: Afternoon session I

Contribution ID: 54

Type: **not specified**

ATLAS - ITK upgrade (15 min talk + 5 min discussion)

Friday, 20 December 2019 13:50 (20 minutes)

Presenter: TAYLOR, Jon

Session Classification: Afternoon session I

Contribution ID: 55

Type: **not specified**

ALICE - exploitation and upgrade (10 min talk + 5 min discussion)

Friday, 20 December 2019 14:10 (15 minutes)

Presenter: BUCKLAND, Matthew

Session Classification: Afternoon session I

Contribution ID: 56

Type: **not specified**

Atom Interferometer - MAGIS - AION (10 min talk + 5 min discussion)

Friday, 20 December 2019 14:25 (15 minutes)

Presenter: Mr ELERTAS, Gedminas (University of Liverpool)

Session Classification: Afternoon session I

Contribution ID: 57

Type: **not specified**

LZ (3rd gen LXe) + Darkside (15 min talk + 5 min discussion)

Friday, 20 December 2019 14:40 (20 minutes)

Presenter: TURNER, Will

Session Classification: Afternoon session I

Contribution ID: 58

Type: **not specified**

CTA - DAMPE-II (10 min talk + 5 min discussion)

Friday, 20 December 2019 15:00 (15 minutes)

Presenter: GREENSHAW, Tim

Session Classification: Afternoon session I

Contribution ID: 59

Type: **not specified**

Advanced Materials Lab

Friday, 20 December 2019 15:40 (5 minutes)

Presenter: COOKE, Peter

Session Classification: Afternoon session II

Contribution ID: **60**

Type: **not specified**

Workshop

Friday, 20 December 2019 15:45 (15 minutes)

Presenter: HOLLYWOOD, Dan

Session Classification: Afternoon session II

Contribution ID: **61**

Type: **not specified**

LSDC

Friday, 20 December 2019 16:00 (10 minutes)

Presenter: JONES, Tim

Session Classification: Afternoon session II

Contribution ID: **62**

Type: **not specified**

Computing (10 min talk + 5 min discussion)

Session Classification: Afternoon session II

Contribution ID: **63**

Type: **not specified**

Football, wrap-up and Leo Carroll Prize

Friday, 20 December 2019 16:10 (10 minutes)

Presenters: VOSSEBELD, Joost (University of Liverpool); DREIMANIS, Karlis; ROMPOTIS, Nikolaos

Session Classification: Afternoon session II