

Particle Physics Masterclass 2026

Report of Contributions

Contribution ID: 1

Type: **not specified**

Lecture : Introduction to the Standard Model

Tuesday, 10 March 2026 09:30 (45 minutes)

Primary author: OLAIYA, Emmanuel (STFC)

Presenter: OLAIYA, Emmanuel (STFC)

Session Classification: Talks and workshops

Contribution ID: 2

Type: **not specified**

Computer workshop

Tuesday, 10 March 2026 10:15 (1h 30m)

Presenter: SAHASRANSU, Abanti Ranadhir (RAL, CMS Experiment)

Session Classification: Talks and workshops

Contribution ID: 3

Type: **not specified**

Lecture : The Large Hadron Collider

Thursday, 12 March 2026 13:10 (45 minutes)

Primary author: ELLIOT, Alison (STFC)

Presenter: ELLIOT, Alison (STFC)

Session Classification: Talks and workshops

Contribution ID: 4

Type: **not specified**

Computer workshop

Tuesday, 10 March 2026 13:15 (1h 30m)

Presenter: SAHASRANSU, Abanti Ranadhir (RAL, CMS Experiment)

Session Classification: Talks and workshops

Contribution ID: 5

Type: **not specified**

Computer workshop

Wednesday, 11 March 2026 11:05 (1h 15m)

Presenter: HARPER, Sam (STFC)

Session Classification: Talks and workshops

Contribution ID: 6

Type: **not specified**

Computer workshop

Wednesday, 11 March 2026 14:05 (1h 15m)

Presenter: MARTIN, Timothy (STFC)

Session Classification: Talks and workshops

Contribution ID: 7

Type: **not specified**

Computer workshop

Wednesday, 11 March 2026 11:05 (1h 15m)

Presenter: LIN, Tai-Hua (STFC)

Session Classification: Talks and workshops

Contribution ID: **8**

Type: **not specified**

Computer workshop

Wednesday, 11 March 2026 14:05 (1h 15m)

Presenter: LIN, Tai-Hua (STFC)

Session Classification: Talks and workshops

Contribution ID: 9

Type: **not specified**

Computer workshop

Thursday, 12 March 2026 11:05 (1h 15m)

Presenter: SAHASRANSU, Abanti Ranadhir (RAL, CMS Experiment)

Session Classification: Talks and workshops

Contribution ID: **10**

Type: **not specified**

Computer workshop

Thursday, 12 March 2026 11:05 (1h 15m)

Presenter: HARPER, Sam (STFC)

Session Classification: Talks and workshops

Contribution ID: 11

Type: **not specified**

Computer workshop

Thursday, 12 March 2026 14:05 (1h 15m)

Presenter: MARTIN, Timothy (STFC)

Session Classification: Talks and workshops

Contribution ID: 12

Type: **not specified**

Computer workshop

Thursday, 12 March 2026 14:05 (1h 15m)

Presenter: LIN, Tai-Hua (STFC)

Session Classification: Talks and workshops

Contribution ID: 13

Type: **not specified**

Computer workshop

Friday, 13 March 2026 11:05 (1h 15m)

Presenter: HARPER, Sam (STFC)

Session Classification: Talks and workshops

Contribution ID: 14

Type: **not specified**

Computer workshop

Friday, 13 March 2026 11:05 (1h 15m)

Presenter: MARTIN, Timothy (STFC)

Session Classification: Talks and workshops

Contribution ID: 15

Type: **not specified**

Computer workshop

Friday, 13 March 2026 14:05 (1h 15m)

Presenter: LIN, Tai-Hua (STFC)

Session Classification: Talks and workshops

Contribution ID: **16**

Type: **not specified**

Computer workshop

Friday, 13 March 2026 14:05 (1h 15m)

Presenter: MARTIN, Timothy (STFC)

Session Classification: Talks and workshops

Contribution ID: 17

Type: **not specified**

Lecture : An Introduction to the Large Hadron Collider

Tuesday, 10 March 2026 12:45 (30 minutes)

Presenter: ELLIOT, Alison (STFC)

Session Classification: Talks and workshops

Contribution ID: **19**

Type: **not specified**

Welcome (by PE team)

Tuesday, 10 March 2026 09:15 (15 minutes)

Session Classification: Talks and workshops

Contribution ID: **20**

Type: **not specified**

QUIZ

Tuesday, 10 March 2026 14:45 (15 minutes)

Presenter: OLAIYA, Emmanuel (STFC)

Session Classification: Talks and workshops

Contribution ID: **21**

Type: **not specified**

Welcome

Wednesday, 11 March 2026 10:00 (5 minutes)

Session Classification: Talks and workshops

Contribution ID: 22

Type: **not specified**

Lecture : A Brief Guide to Accelerators

Wednesday, 11 March 2026 10:05 (15 minutes)

Presenter: WILLIAMS, Thomas (STFC)

Session Classification: Talks and workshops

Contribution ID: 23

Type: **not specified**

Lecture : Fundamentals of Particle Physics

Wednesday, 11 March 2026 10:20 (35 minutes)

Presenter: OLAIYA, Emmanuel (STFC)

Session Classification: Talks and workshops

Contribution ID: 24

Type: **not specified**

LUNCH

Wednesday, 11 March 2026 12:20 (50 minutes)

Session Classification: Talks and workshops

Contribution ID: 25

Type: **not specified**

Lecture : The Large Hadron Collider

Wednesday, 11 March 2026 13:10 (45 minutes)

Presenter: ELLIOT, Alison (STFC)

Session Classification: Talks and workshops

Contribution ID: 26

Type: **not specified**

Lecture : Big Data and the LHC

Wednesday, 11 March 2026 15:35 (20 minutes)

Presenter: ELLIS, Katy (STFC)

Session Classification: Talks and workshops

Contribution ID: 27

Type: **not specified**

Quiz

Wednesday, 11 March 2026 16:00 (30 minutes)

Session Classification: Talks and workshops

Contribution ID: **28**

Type: **not specified**

Welcome

Thursday, 12 March 2026 10:00 (5 minutes)

Session Classification: Talks and workshops

Contribution ID: 29

Type: **not specified**

Lecture : A Brief Guide to Accelerators

Thursday, 12 March 2026 10:05 (15 minutes)

Presenter: WILLIAMS, Thomas (STFC)

Session Classification: Talks and workshops

Contribution ID: **30**

Type: **not specified**

Lecture : Fundamentals of Particle Physics

Thursday, 12 March 2026 10:20 (35 minutes)

Presenter: OLAIYA, Emmanuel (STFC)

Session Classification: Talks and workshops

Contribution ID: **31**

Type: **not specified**

LUNCH

Thursday, 12 March 2026 12:20 (50 minutes)

Session Classification: Talks and workshops

Contribution ID: 32

Type: **not specified**

Quiz

Thursday, 12 March 2026 16:00 (30 minutes)

Session Classification: Talks and workshops

Contribution ID: 33

Type: **not specified**

Lecture : Big data and the LHC

Thursday, 12 March 2026 15:35 (20 minutes)

Presenter: ELLIS, Katy (STFC)

Session Classification: Talks and workshops

Contribution ID: **34**

Type: **not specified**

Welcome

Friday, 13 March 2026 10:00 (5 minutes)

Session Classification: Talks and workshops

Contribution ID: 35

Type: **not specified**

Lecture : A Brief Guide to Accelerators

Friday, 13 March 2026 10:05 (15 minutes)

Presenter: WILLIAMS, Thomas (STFC)

Session Classification: Talks and workshops

Contribution ID: **36**

Type: **not specified**

Lecture : Fundamentals of Particle Physics

Friday, 13 March 2026 10:20 (35 minutes)

Presenter: OLAIYA, Emmanuel (STFC)

Session Classification: Talks and workshops

Contribution ID: 37

Type: **not specified**

LUNCH

Friday, 13 March 2026 12:20 (50 minutes)

Session Classification: Talks and workshops

Contribution ID: **38**

Type: **not specified**

Lecture : The Large Hadron Collider

Friday, 13 March 2026 13:10 (45 minutes)

Presenter: ELLIOT, Alison (STFC)

Session Classification: Talks and workshops

Contribution ID: 39

Type: **not specified**

Lecture : Dark Matter

Friday, 13 March 2026 15:35 (20 minutes)

Presenter: KEMP, Ashlea (STFC)

Session Classification: Talks and workshops

Contribution ID: 40

Type: **not specified**

Quiz

Friday, 13 March 2026 16:00 (30 minutes)

Session Classification: Talks and workshops