

UK input to the European Particle Physics Strategy Update

Report of Contributions

Contribution ID: 1

Type: **not specified**

Review of working groups on future colliders

Monday, April 16, 2018 2:30 PM (30 minutes)

Summary

Presenter: ENGLERT, Christoph

Session Classification: Reports from ongoing working groups

Contribution ID: 2

Type: **not specified**

Report on working group 'Physics beyond colliders'

Monday, April 16, 2018 3:00 PM (30 minutes)

Summary

Presenter: BURRAGE, Clare

Session Classification: Reports from ongoing working groups

Contribution ID: 3

Type: **not specified**

Theory questions in particle physics

Monday, April 16, 2018 2:00 PM (30 minutes)

Summary

Presenter: KHOZE, Valya

Session Classification: Motivations from Theory

Contribution ID: 4

Type: **not specified**

Accelerators

Monday, April 16, 2018 4:00 PM (20 minutes)

Presenters: GIBSON, Stephen (Royal Holloway University of London); GIBSON, Stephen (RHUL)

Session Classification: Accelerators and Detectors

Contribution ID: 5

Type: **not specified**

Silicon detectors

Monday, April 16, 2018 4:20 PM (20 minutes)

Presenter: VOSSEBELD, Joost (Liverpool)

Session Classification: Accelerators and Detectors

Contribution ID: 6

Type: **not specified**

Trigger and DAQ

Monday, April 16, 2018 4:40 PM (20 minutes)

Presenter: BOISVERT, Veronique (RHUL)

Session Classification: Accelerators and Detectors

Contribution ID: 7

Type: **not specified**

Particle identification

Monday, April 16, 2018 5:00 PM (20 minutes)

Presenter: PAPANESTIS, Antonis (RAL)

Session Classification: Accelerators and Detectors

Contribution ID: 8

Type: **not specified**

Computing

Monday, April 16, 2018 5:20 PM (20 minutes)

Presenter: COSTANZO , Davide (Sheffield)

Session Classification: Accelerators and Detectors

Contribution ID: 9

Type: **not specified**

Discussion

Monday, April 16, 2018 5:40 PM (20 minutes)

Session Classification: Accelerators and Detectors

Contribution ID: **10**

Type: **not specified**

CP violation in B's and D's

Tuesday, April 17, 2018 2:00 PM (20 minutes)

Presenter: VESTERINEN, Mika (Oxford)

Session Classification: Quark flavour

Contribution ID: **11**

Type: **not specified**

Kaon Physics

Tuesday, April 17, 2018 3:00 PM (20 minutes)

Presenter: GOUDZOVSKI, Evgueni (Birmingham)

Session Classification: Quark flavour

Contribution ID: **12**

Type: **not specified**

Rare B decays

Tuesday, April 17, 2018 2:20 PM (20 minutes)

Presenter: PETRIDIS, Kostas (Bristol)

Session Classification: Quark flavour

Contribution ID: **13**

Type: **not specified**

Discussion

Tuesday, April 17, 2018 2:40 PM (20 minutes)

Session Classification: Quark flavour

Contribution ID: **14**

Type: **not specified**

Discussion

Tuesday, April 17, 2018 3:20 PM (10 minutes)

Session Classification: Quark flavour

Contribution ID: **15**

Type: **not specified**

Neutrinoless double-beta decay

Tuesday, April 17, 2018 9:00 AM (20 minutes)

Summary

Presenter: Dr PEETERS, Simon (University of Sussex)

Session Classification: Neutrino and lepton flavour physics

Contribution ID: **16**

Type: **not specified**

Discussion

Tuesday, April 17, 2018 9:20 AM (10 minutes)

Summary

Session Classification: Neutrino and lepton flavour physics

Contribution ID: 17

Type: **not specified**

Neutrino oscillation physics

Tuesday, April 17, 2018 9:30 AM (20 minutes)

Summary

Presenter: Dr BLAKE, Andy (Lancaster University)

Session Classification: Neutrino and lepton flavour physics

Contribution ID: **18**

Type: **not specified**

Experimental challenges facing neutrino physics

Tuesday, April 17, 2018 9:50 AM (20 minutes)

Summary

Presenter: KATORI, Teppei (QMUL)

Session Classification: Neutrino and lepton flavour physics

Contribution ID: **19**

Type: **not specified**

Discussion

Tuesday, April 17, 2018 10:10 AM (15 minutes)

Summary

Session Classification: Neutrino and lepton flavour physics

Contribution ID: 20

Type: **not specified**

Neutrino astroparticle physics

Wednesday, April 18, 2018 9:00 AM (20 minutes)

Summary

Presenter: Prof. NICHOL, Ryan (University College London)

Session Classification: Gravity and astroparticle physics

Contribution ID: **21**

Type: **not specified**

Discussion

Wednesday, April 18, 2018 10:00 AM (20 minutes)

Summary

Session Classification: Gravity and astroparticle physics

Contribution ID: 22

Type: **not specified**

Gravitational waves

Wednesday, April 18, 2018 9:40 AM (20 minutes)

Summary

Presenter: Prof. SUMNER, Timothy (Imperial College)

Session Classification: Gravity and astroparticle physics

Contribution ID: **23**

Type: **not specified**

Discussion

Wednesday, April 18, 2018 9:20 AM (20 minutes)

Summary

Session Classification: Gravity and astroparticle physics

Contribution ID: 24

Type: **not specified**

Indirect dark matter detection

Tuesday, April 17, 2018 12:00 PM (20 minutes)

Presenter: CHADWICK, Paula

Session Classification: Dark Matter

Contribution ID: 25

Type: **not specified**

Higgs Couplings

Tuesday, April 17, 2018 5:00 PM (30 minutes)

Presenter: WARDLE, Nick

Session Classification: Higgs Physics

Contribution ID: 26

Type: **not specified**

Higgs Properties

Tuesday, April 17, 2018 5:30 PM (30 minutes)

Presenter: MARTIN, Victoria (University of Edinburgh)

Session Classification: Higgs Physics

Contribution ID: 27

Type: **not specified**

Discussion

Tuesday, April 17, 2018 6:00 PM (30 minutes)

Session Classification: Higgs Physics

Contribution ID: **28**

Type: **not specified**

Exotics

Tuesday, April 17, 2018 4:00 PM (30 minutes)

Presenters: D'ONOFRIO, Monica (University of Liverpool); D'ONOFRIO, Monica

Session Classification: Resonance searches

Contribution ID: **29**

Type: **not specified**

Discussion

Session Classification: Resonance searches

Contribution ID: **30**

Type: **not specified**

Standard Model and Top

Wednesday, April 18, 2018 11:00 AM (25 minutes)

Presenter: BUCKLEY, Andy (IPPP, Durham University)

Session Classification: Standard Model and top quark physics

Contribution ID: **31**

Type: **not specified**

Discussion

Wednesday, April 18, 2018 11:25 AM (15 minutes)

Session Classification: Standard Model and top quark physics

Contribution ID: 32

Type: **not specified**

Dark matter direct detection and searches at colliders

Tuesday, April 17, 2018 11:30 AM (30 minutes)

Presenter: CERDEÑO, David G. (IPPP, Durham University)

Session Classification: Dark Matter

Contribution ID: 35

Type: **not specified**

Muon physics

Tuesday, April 17, 2018 10:25 AM (20 minutes)

Summary

Presenter: HESKETH, Gavin (UCL)

Session Classification: Neutrino and lepton flavour physics

Contribution ID: **36**

Type: **not specified**

Discussion

Tuesday, April 17, 2018 10:45 AM (15 minutes)

Summary

Session Classification: Neutrino and lepton flavour physics

Contribution ID: 37

Type: **not specified**

Welcome and outline

Monday, April 16, 2018 1:30 PM (15 minutes)

Presenter: FARRINGTON, Sinead (University of Warwick)

Session Classification: Welcome

Contribution ID: **38**

Type: **not specified**

Joint discussion session and wrap up

Wednesday, April 18, 2018 11:40 AM (1h 20m)

Presenters: GOUDZOVSKI, Evgueni (University of Birmingham); ELLIS, Keith (IPPP); PATEL, Mitesh (Imperial College London); Dr FARRINGTON, Sinead (Warwick University)

Session Classification: Joint discussion session and wrap up