

Session Program

25-28 Mar 2018

IoP APP / HEPP Conference 2018

Plenary

University of Bristol
H. H. Wills Laboratory Tyndall Avenue Bristol BS8 1TL UK

Monday 26 March

09:00

Plenary: Session I

Session |

Location: University of Bristol, Tyndall Lecture Theatre, H H Wills Physics Lab Tyndall Avenue Bristol BS8 1TL

09:00–09:15

Welcome

09:15–09:55

Multi-Messenger Physics

Speaker

Prof. Patrick Sutton

09:55–10:25

Gamma Ray Astronomy

Speaker

Anthony Brown

10:25–10:55

Dark Matter: Status and Prospects

Speaker

Chamkaur Ghag

11:00

16:15

Plenary: Session II

Session |

Location: University of Bristol, Tyndall Lecture Theatre, H H Wills Physics Lab Tyndall Avenue Bristol BS8 1TL

16:15–16:40

Particle Beam Therapy in the UK

Speaker

Dr Michael Taylor

16:40–17:05

Promoting Physics in Developing Countries

Speaker

Kate Shaw

17:05–17:35

ECR prize talk. Gravitational-wave astronomy, and the discoveries of LIGO and Virgo

Speaker

Christopher Berry

17:35–18:15

Status of Neutrino Physics

Speaker

Dr Frank Deppisch

18:15

Tuesday 27 March

09:00

Plenary: Session III

Session |

Location: University of Bristol, Tyndall Lecture Theatre, H H Wills Physics Lab Tyndall Avenue Bristol BS8 1TL

09:00–09:40

Flavour Physics

Speaker

Greig Cowan

09:40–10:20

Lepton Flavour Physics

Speaker

Phillip Litchfield

10:20–11:00

Who ordered that? Interpreting LFUV and other new physics signals from flavour.

Speaker

Alexander Lenz

11:00

14:00

Plenary: Session IV

Session |

Location: University of Bristol, Tyndall Lecture Theatre, H H Wills Physics Lab Tyndall Avenue Bristol BS8 1TL

14:00–14:30

Standard Model Measurements at the LHC

Speaker

Ulla Blumenschein

14:30–15:00

Higgs Physics at the LHC

Speaker

Nicholas Wardle

15:00–15:30

New Physics Searches at the LHC

Speaker

Jim Brooke

15:30

Wednesday 28 March

09:00

Plenary: Session V

Session |

Location: University of Bristol, Tyndall Lecture Theatre, H H Wills Physics Lab Tyndall Avenue Bristol BS8 1TL

09:00–09:30

Short-Baseline Neutrino Experiments

Speaker

Andrzej Michał Szelc

09:30–10:00

Long-Baseline Neutrino Experiments

Speaker

Asher Kaboth

10:00–10:30

Neutrinoless Double Beta Decay and Absolute Mass

Speaker

Elisabeth Falk

10:35

12:00

Plenary: Session VI

Session |

Location: University of Bristol, Tyndall Lecture Theatre, H H Wills Physics Lab Tyndall Avenue Bristol BS8 1TL

12:00–12:30

IoP Prize Lecture: Charm Physics

Speaker

Marco Gersabeck

12:30–13:00

Collider Physics Beyond the LHC

Speaker

Victoria Jane Martin

13:00