

Session Program

25-28 Mar 2018

IoP APP / HEPP Conference 2018

Parallel IV

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

Monday 26 March

11:30

Parallel IV: TBC

Session | **Location:** University of Bristol, Berry Theatre (3.21)

11:30–11:45

Measuring the Effective Longitudinal Electron Diffusion Coefficient at MicroBooNE

Speaker

Adam Lister

11:45–12:00

Calorimetric Energy Scale in the NOvA Detectors

Speaker

Tyler Alion

12:00–12:15

MicroBooNE NC Delta Radiative Single-Photon Search

Speaker

Robert Murrells

12:15–12:30

Latest muon neutrino disappearance results from the NOvA experiment

Speaker

Diana Patricia Mendez

12:30–12:45

Comparison of Binned vs. Unbinned Likelihood Analyses for Neutrino Oscillation Measurements in NOvA

Speaker

Sebastian Bending

13:00

14:00

Parallel IV

Session | **Location:** University of Bristol, Berry Theatre (3.21)

14:00–14:15

Overview of the ANITA experiment

Speaker

Linda Cremonesi

14:15–14:30

Hunting Axionlike Dark Matter by Searching for an Oscillating Neutron Electric Dipole Moment

Speaker

Nick Ayres

14:30–14:45

Search for New Physics in Astrophysical Flavor at IceCube

Speaker

Shivesh Mandalia

14:45–15:00

Neutrino Interferometry for High-Precision Tests of Lorentz Symmetry with IceCube

Speaker

Teppei Katori

15:00–15:15

Searching for WIMP dark matter with the LZ experiment

Speaker

Ibles Olcina

15:45

Tuesday 27 March

11:30

Parallel IV: TBC

Session | **Location:** University of Bristol, Berry Theatre (3.21)

11:30–11:45

Status of the SuperNEMO double-beta decay experiment

Speaker

Cheryl Patrick

11:45–12:00

Recent Developments in the Spherical Proportional Counter for NEWS-G

Speaker

Patrick Knights

12:00–12:15

Sensitivity Studies and Development of the Gas Supply System for the SuperNEMO Experiment

Speaker

Lauren Dawson

12:15–12:30

Radon Background Mitigation Strategy for the SuperNEMO Experiment

Speaker

Fang Xie

12:30–12:45

Search for light Dark Matter with NEWS-G

Speaker

Konstantinos Nikolopoulos

13:00