IoP 2022 - Joint APP/HEPP Conference

Report of Contributions

Closing remarks and departure

Contribution ID: 3

Type: not specified

Closing remarks and departure

Wednesday, 6 April 2022 16:05 (10 minutes)

Presenter: NEWBOLD, Dave (STFC)

Welcome

Contribution ID: 4

Type: not specified

Welcome

Monday, 4 April 2022 09:45 (10 minutes)

Presenter: THOMSON, Mark (STFC) **Session Classification:** Plenary

Future Colliders

Contribution ID: 5

Type: not specified

Future Colliders

Monday, 4 April 2022 10:00 (25 minutes)

FCC, Muon collider

Presenter: LAMONT, Mike

Session Classification: Plenary

High Intensity Muon Beam Physics

Contribution ID: 6

Type: not specified

High Intensity Muon Beam Physics

Monday, 4 April 2022 10:30 (25 minutes)

Presenter: LANCASTER, Mark **Session Classification:** Plenary

SM and Higgs at LHC

Contribution ID: 7

Type: not specified

SM and Higgs at LHC

Monday, 4 April 2022 11:45 (25 minutes)

Presenter: BUCKLEY, Andy **Session Classification:** Plenary

Quark Flavour Physics

Contribution ID: 8

Type: not specified

Quark Flavour Physics

Monday, 4 April 2022 12:15 (25 minutes)

Presenter: RADEMACKER, Jonas **Session Classification:** Plenary

Direct searches for dark matter

Contribution ID: 9

Type: not specified

Direct searches for dark matter

Monday, 4 April 2022 11:15 (25 minutes)

Presenter: PALLADINO, Kimberly **Session Classification:** Plenary

HEPP Prize 2021 Talk

Contribution ID: 10

Type: not specified

HEPP Prize 2021 Talk

Searches for new physics in measurements of top quark production in association with W/Z/Higgs bosons

Presenter: MCFAYDEN, Josh

Session Classification: Plenary

Gamma Ray Astronomy

Contribution ID: 11

Type: not specified

Gamma Ray Astronomy

Monday, 4 April 2022 16:45 (25 minutes)

Presenter: STARLING, Rhaana **Session Classification:** Plenary

Boulby Underground Laboratory: ...

Contribution ID: 12

Type: not specified

Boulby Underground Laboratory: Status and plans for the UK's deep underground science facility

Wednesday, 6 April 2022 15:30 (25 minutes)

Presenter: PALING, Sean Session Classification: Plenary

The UK's Net Zero strategy

Contribution ID: 13

Type: not specified

The UK's Net Zero strategy

Monday, 4 April 2022 17:45 (25 minutes)

Presenters: NURSE, Emily; NURSE, Emily **Session Classification:** Plenary

Gravitational Wave results from L ...

Contribution ID: 14

Type: not specified

Gravitational Wave results from LIGO and Virgo

Tuesday, 5 April 2022 09:00 (25 minutes)

Presenter: RAYMOND, Vivien **Session Classification:** Plenary

Developments in formal theory

Contribution ID: 15

Type: not specified

Developments in formal theory

Tuesday, 5 April 2022 09:30 (25 minutes)

Presenter: WHITE, Chris Session Classification: Plenary

MicroBooNE results and short bas ...

Contribution ID: 16

Type: not specified

MicroBooNE results and short baseline neutrino experiment summary

Tuesday, 5 April 2022 10:00 (25 minutes)

Presenter: UCHIDA, Melissa **Session Classification:** Plenary

Neutrino Oscillations Experiments

Contribution ID: 17

Type: not specified

Neutrino Oscillations Experiments

Tuesday, 5 April 2022 13:30 (25 minutes)

Presenter: SOLDNER-REMBOLD, Stefan **Session Classification:** Plenary

LHC upgrades

Contribution ID: 18

Type: not specified

LHC upgrades

Monday, 4 April 2022 16:15 (25 minutes)

Presenter: PARAMESVARAN, Sudan

Session Classification: Plenary

European R&D Roadmaps

Contribution ID: 19

Type: not specified

European R&D Roadmaps

Monday, 4 April 2022 17:15 (25 minutes)

Presenter: VIVARELLI, Iacopo (University Of Sussex) **Session Classification:** Plenary

Executive Chair Report

Contribution ID: 20

Type: not specified

Executive Chair Report

Tuesday, 5 April 2022 15:10 (50 minutes)

Presenter: THOMSON, Mark (STFC) **Session Classification:** Town Meeting

Science Board Update

Contribution ID: 21

Type: not specified

Science Board Update

Tuesday, 5 April 2022 16:00 (15 minutes)

Presenter: SHEARS, Tara **Session Classification:** Town Meeting

PPGP(E) Update

Contribution ID: 22

Type: not specified

PPGP(E) Update

Tuesday, 5 April 2022 16:15 (30 minutes)

Presenter: O'KEEFFE, Helen

Session Classification: Town Meeting

Advisory Panel Report - PPTAP an ...

Contribution ID: 23

Type: not specified

Advisory Panel Report - PPTAP and European Roadmapping (LDG/ECFA)

Tuesday, 5 April 2022 16:55 (15 minutes)

Presenter:CHADWICK, Paula (Durham University)Session Classification:Town Meeting

Advisory Panel Report - PAAP

Contribution ID: 24

Type: not specified

Advisory Panel Report - PAAP

Tuesday, 5 April 2022 17:10 (15 minutes)

Presenter: MCCABE, Christopher **Session Classification:** Town Meeting

Advisory Panel Report - PPAP

Contribution ID: 25

Type: not specified

Advisory Panel Report - PPAP

Tuesday, 5 April 2022 17:25 (15 minutes)

Presenter: NEEDHAM, Matthew Session Classification: Town Meeting

Q&A

Contribution ID: 26

Type: not specified

Q&A

Tuesday, 5 April 2022 17:40 (10 minutes)

Session Classification: Town Meeting

BSM and dark sector across the bo ...

Contribution ID: 27

Type: not specified

BSM and dark sector across the board (Theory)

Wednesday, 6 April 2022 09:00 (25 minutes)

Presenter: MCCULLOUGH, Matthew **Session Classification:** Plenary

BSM and dark sector at colliders (E ...

Contribution ID: 28

Type: not specified

BSM and dark sector at colliders (Experiment)

Wednesday, 6 April 2022 09:30 (25 minutes)

Presenter: ROMPOTIS, Nikolaos **Session Classification:** Plenary

HEPP Prize 2020 Talk

Contribution ID: 29

Type: not specified

HEPP Prize 2020 Talk

Wednesday, 6 April 2022 10:00 (25 minutes)

Searches for New Physics in rare B decays

Presenter: ALVAREZ CARTELLE, Paula

Session Classification: Plenary

Toward the discovery of matter cr ...

Contribution ID: 30

Type: not specified

Toward the discovery of matter creation with neutrinoless double-beta decay

Wednesday, 6 April 2022 15:00 (25 minutes)

Presenter:AGOSTINI, MatteoSession Classification:Plenary

Quantum sensor technology

Contribution ID: 31

Type: not specified

Quantum sensor technology

Tuesday, 5 April 2022 14:30 (25 minutes)

Presenter: BONGS, Kai Session Classification: Plenary

APP Prize 2021: The Structure of R ...

Contribution ID: 32

Type: not specified

APP Prize 2021: The Structure of Relativistic Jets from Neutron Star Mergers

Tuesday, 5 April 2022 14:00 (25 minutes)

Presenter: LAMB, Gavin **Session Classification:** Plenary

Searches for long-lived particles w ...

Contribution ID: 313

Type: not specified

Searches for long-lived particles with a disappearing track signature at $\sqrt{s} = 13$ TeV in the ATLAS experiment

Monday, 4 April 2022 14:00 (12 minutes)

Presenter: SMITH, James (University of Liverpool) **Session Classification:** Parallel Talks

Search for heavy resonances decay ...

Contribution ID: 314

Type: not specified

Search for heavy resonances decaying into a Z boson and a Higgs boson in final states with leptons and b-jets with the ATLAS detector at the LHC

Monday, 4 April 2022 14:15 (12 minutes)

Presenter: QIU, Tong (QMUL) **Session Classification:** Parallel Talks

Search for invisibly decaying Higg...

Contribution ID: 315

Type: not specified

Search for invisibly decaying Higgs bosons in ttH and VH channels in hadronic final states using full Run 2 data collected by the CMS detector

Monday, 4 April 2022 14:30 (12 minutes)

Presenter:WHITE, Robert (University of Bristol)Session Classification:Parallel Talks

Search for signatures of physics be ...

Contribution ID: 316

Type: not specified

Search for signatures of physics beyond the standard model (SM) in the di-tau final states using data collected at the CMS experiment from Run-2 at the LHC

Monday, 4 April 2022 14:45 (12 minutes)

Presenter: UTTLEY, George (Imperial College London) **Session Classification:** Parallel Talks

Searching for Beyond the Standard ...

Contribution ID: 317

Type: not specified

Searching for Beyond the Standard Model Physics using Tau Leptons

Monday, 4 April 2022 15:00 (12 minutes)

Presenter:NORFOLK, Mitchell (The University of Sheffield, PhD Student)Session Classification:Parallel Talks

Exploring Multilepton Signatures f ...

Contribution ID: 318

Type: not specified

Exploring Multilepton Signatures from Dark Matter at the LHC

Monday, 4 April 2022 15:15 (12 minutes)

Presenter: FREEGARD, Arran (University of Southampton + Queen Mary University of London)

Session Classification: Parallel Talks

Decoding Dark Matter at future e + ...

Contribution ID: 319

Type: not specified

Decoding Dark Matter at future e + e - colliders

Monday, 4 April 2022 15:30 (12 minutes)

Presenter: BELYAEV, Alexander (University of Southampton) **Session Classification:** Parallel Talks

W-boson and its polarisation at N ...

Contribution ID: 320

Type: not specified

W-boson and its polarisation at NNLO

Tuesday, 5 April 2022 11:00 (12 minutes)

Presenter: POPESCU, Andrei (University of Cambridge) **Session Classification:** Parallel Talks

Differential cross-section measure ...

Contribution ID: 321

Type: not specified

Differential cross-section measurement for the electroweak production of W-gamma-jj at the ATLAS detector

Tuesday, 5 April 2022 11:15 (12 minutes)

Presenter: HONAN, Benjamin (ATLAS (University of Manchester))

Session Classification: Parallel Talks

Probing the Standard Model with ...

Contribution ID: 322

Type: not specified

Probing the Standard Model with Rare Electroweak Multiboson Interactions

Tuesday, 5 April 2022 11:30 (12 minutes)

Presenter:COOKE, Harry (University of Birmingham)Session Classification:Parallel Talks

Search for exclusive hadronic W b...

Contribution ID: 323

Type: not specified

Search for exclusive hadronic W boson decays with the ATLAS experiment

Tuesday, 5 April 2022 11:45 (12 minutes)

Presenter:SILVA, Júlia (University of Birmingham)Session Classification:Parallel Talks

Optimization of the Bs/Bd separati...

Contribution ID: 324

Type: not specified

Optimization of the Bs/Bd separation power in the ATLAS B->mumu branching ratio measurement

Tuesday, 5 April 2022 12:00 (12 minutes)

Presenter:KOVANDA, Ondrej (University of Sussex)Session Classification:Parallel Talks

A method for searching for parity...

Contribution ID: 325

Type: not specified

A method for searching for parity violating physics at the LHC.

Tuesday, 5 April 2022 12:15 (12 minutes)

Presenter:NOEL, Daniel (University of Cambridge)Session Classification:Parallel Talks

Level-1 Track Finder for the CMS ...

Contribution ID: 326

Type: not specified

Level-1 Track Finder for the CMS Upgrade for HL-LHC

Wednesday, 6 April 2022 11:00 (12 minutes)

Presenter: HOLMBERG, Mei-Li (University of Bristol, Rutherford Appleton Laboratory) **Session Classification:** Parallel Talks

Neural Network-Based Primary V...

Contribution ID: 327

Type: not specified

Neural Network-Based Primary Vertex Reconstruction with FPGAs for the Upgrade of the CMS Level-1 Trigger System

Wednesday, 6 April 2022 11:15 (12 minutes)

Presenter: BROWN, Christopher (Imperial College London) **Session Classification:** Parallel Talks

Performance and Upgrade of the C ...

Contribution ID: 328

Type: not specified

Performance and Upgrade of the CMS Electromagnetic Calorimeter

Wednesday, 6 April 2022 11:30 (12 minutes)

Presenter: COOKE, Charlotte (University of Bristol and Rutherford Appleton Laboratory) **Session Classification:** Parallel Talks

Commissioning of L1Calo phase I...

Contribution ID: 329

Type: not specified

Commissioning of L1Calo phase I upgrade at ATLAS: development and testing of eFEX and FTM modules

Wednesday, 6 April 2022 11:45 (12 minutes)

Presenter: BIRD, Gareth (RAL PPD/University of Birmingham) **Session Classification:** Parallel Talks

Improving the performance of dea...

Contribution ID: 330

Type: not specified

Improving the performance of dealing with non-ideal tracks within ATLAS reconstruction.

Wednesday, 6 April 2022 12:00 (12 minutes)

Presenter:MCLAUGHLIN, Donal (University College London)Session Classification:Parallel Talks

Machine Learning based predictor ...

Contribution ID: 331

Type: not specified

Machine Learning based predictor for measurement-to-track association for the ATLAS Inner Detector Trigger

Wednesday, 6 April 2022 12:15 (12 minutes)

Presenter: LAD, Nisha (University College London)

Session Classification: Parallel Talks

Measurements of the differential p ...

Contribution ID: 332

Type: not specified

Measurements of the differential production cross sections of a top quark pair in association with a Z boson with the ATLAS detector.

Wednesday, 6 April 2022 13:30 (12 minutes)

Presenter: MINCE, Laurynas (University of Glasgow) **Session Classification:** Parallel Talks

Boosting the Higgs with ttH(bb), u...

Contribution ID: 333

Type: not specified

Boosting the Higgs with ttH(bb), using the ATLAS detector

Wednesday, 6 April 2022 13:45 (12 minutes)

Presenter:BORBELY, Albert (University of Glasgow)Session Classification:Parallel Talks

Search for Four Top Quark Produc ...

Contribution ID: 334

Type: not specified

Search for Four Top Quark Production at CMS

Wednesday, 6 April 2022 14:00 (12 minutes)

Presenter: STYLIANOU, Nicolas (CMS (University of Bristol)) **Session Classification:** Parallel Talks

Measurement of Jet Substructure O ...

Contribution ID: 335

Type: not specified

Measurement of Jet Substructure Observables in Boosted $t\bar{t}$ Events at 13~TeV Using the ATLAS Detector at the LHC

Wednesday, 6 April 2022 14:15 (12 minutes)

Presenter:RENNIE, Adam (University of Glasgow)Session Classification:Parallel Talks

Model agnostic measurement of ...

Contribution ID: 336

Type: not specified

Model agnostic measurement of $B^0 \rightarrow D^*$ - τ + $v\tau$ angular coefficients using three-prong hadronic τ decays

Monday, 4 April 2022 13:46 (12 minutes)

Presenter:SCANTLEBURY-SMEAD, Luke (University of Oxford)Session Classification:Parallel Talks

Searching for New Physics throug...

Contribution ID: 337

Type: not specified

Searching for New Physics through the decay $B \rightarrow K^*0 \mu$ + μ - at LHCb

Monday, 4 April 2022 14:00 (12 minutes)

Presenter:BIRCH, Matthew (Imperial College London)Session Classification:Parallel Talks

Model Independent Measurement...

Contribution ID: 338

Type: not specified

Model Independent Measurement of CKM Gamma using B->D0K, D0->2Pi+2Pi- Decays.

Monday, 4 April 2022 14:15 (12 minutes)

Presenter:WESTHENRY, Benedict (University of Bristol)Session Classification:Parallel Talks

Status of searches for rare or forbi ...

Contribution ID: 339

Type: not specified

Status of searches for rare or forbidden charm decays of the form $D^+_{(s)}\to h^\pm\ell^+\ell^{'\mp}$

Monday, 4 April 2022 14:30 (12 minutes)

Presenter: ALIOUCHE, Zakariya (The University of Manchester)

Session Classification: Parallel Talks

A Quasi model independent metho ...

Contribution ID: 340

Type: not specified

A Quasi model independent method to measure the relative strong phase in quantum correlated D→Ksπ+π- decays and an use in CKM measurements in B±→Dh± decays.

Monday, 4 April 2022 14:45 (12 minutes)

Presenter: LANE, Jake (University of Manchester) **Session Classification:** Parallel Talks

Study of Ξb - and Ωb - decays to t...

Contribution ID: 341

Type: not specified

Study of Ξb - and Ωb - decays to the Λc + h- h'- final state

Monday, 4 April 2022 15:00 (12 minutes)

Presenter: PAGARE, Bhagyashree (University of Warwick (UK))

Session Classification: Parallel Talks

VELO Module Construction for th ...

Contribution ID: 342

Type: not specified

VELO Module Construction for the LHCb detector upgrade for Run3

Monday, 4 April 2022 15:15 (12 minutes)

Presenter: ZUNICA, Gianluca (The University of Manchester) **Session Classification:** Parallel Talks

Simulation of Low Gain Avalanche ...

Contribution ID: 343

Type: not specified

Simulation of Low Gain Avalanche Detectors(LGAD) for LHCb operation in Run IV

Monday, 4 April 2022 15:30 (12 minutes)

Presenter:FRIDAY, David (University of Glasgow)Session Classification:Parallel Talks

Colliding light, tau g-2, and axion...

Contribution ID: 344

Type: not specified

Colliding light, tau g-2, and axion detectors

Tuesday, 5 April 2022 11:00 (12 minutes)

Presenter: LIU, Jesse (University of Cambridge) **Session Classification:** Parallel Talks

Towards an Algebraic Theory of Spin

Contribution ID: 345

Type: not specified

Towards an Algebraic Theory of Spin

Tuesday, 5 April 2022 11:15 (12 minutes)

Presenter: BRADSHAW, Peter (University College London) **Session Classification:** Parallel Talks

MSHT20 Approximate N3LO Part...

Contribution ID: 346

Type: not specified

MSHT20 Approximate N3LO Parton Distribution Functions with Theoretical Uncertainties

Tuesday, 5 April 2022 11:30 (12 minutes)

Presenter:MCGOWAN, Jamie (University College London)Session Classification:Parallel Talks

Quarkonia showers in PYTHIA8

Contribution ID: 347

Type: not specified

Quarkonia showers in PYTHIA8

Tuesday, 5 April 2022 11:45 (12 minutes)

Presenter:COOKE, Naomi (University of Birmingham)Session Classification:Parallel Talks

Quantum computing approaches f ...

Contribution ID: 348

Type: not specified

Quantum computing approaches for simulating parton showers in high energy collisions

Tuesday, 5 April 2022 12:00 (12 minutes)

Presenter:WILLIAMS, Simon (Imperial College London)Session Classification:Parallel Talks

Graph neural nets for CMS particle ...

Contribution ID: 349

Type: not specified

Graph neural nets for CMS particle track reconstruction

Tuesday, 5 April 2022 12:15 (12 minutes)

Presenter:LIV VAGE (Imperial)Session Classification:Parallel Talks

Cosmic Ray Neutron Sensors for I ...

Contribution ID: 350

Type: not specified

Cosmic Ray Neutron Sensors for IoT Soil Moisture Monitoring

Wednesday, 6 April 2022 11:00 (12 minutes)

Presenter:STOWELL, Patrick (University of Durham)Session Classification:Parallel Talks

PlomBOX - development of a low- ...

Contribution ID: 351

Type: not specified

PlomBOX - development of a low-cost CMOS device for environmental monitoring

Wednesday, 6 April 2022 11:15 (12 minutes)

Presenter: DIAS, Adriana (Royal Holloway, University of London) **Session Classification:** Parallel Talks

nFacet 3D: a novel dosimeter for e ...

Contribution ID: 352

Type: not specified

nFacet 3D: a novel dosimeter for effective dose measurement

Wednesday, 6 April 2022 11:30 (12 minutes)

Presenter:REED, Nicholas (Imperial College London)Session Classification:Parallel Talks

QuARC – A Quality Assurance Ran...

Contribution ID: 353

Type: not specified

QuARC – A Quality Assurance Range Calorimeter for Proton Therapy

Wednesday, 6 April 2022 11:45 (12 minutes)

Presenter:SHAIKH, Saad (University College London)Session Classification:Parallel Talks

Investigation of plasma (Gabor) le ...

Contribution ID: 354

Type: not specified

Investigation of plasma (Gabor) lenses for capture and focusing of laser-driven ions

Wednesday, 6 April 2022 12:00 (12 minutes)

Presenter:DASCALU, Titus-Stefan (Imperial College London)Session Classification:Parallel Talks

Analysis of scintillating and reflec ...

Contribution ID: 355

Type: not specified

Analysis of scintillating and reflective materials for X-ray Computed Tomography

Wednesday, 6 April 2022 12:15 (12 minutes)

Presenter:TUCCORI, Nicolo (University of Sussex)Session Classification:Parallel Talks

Mixing and CP violation with D0 - ...

Contribution ID: 356

Type: not specified

Mixing and CP violation with D0 -> Kspipi at the LHCb experiment

Wednesday, 6 April 2022 13:30 (12 minutes)

Presenters: HILTON, Martha (University of Manchester); HILTON, Martha; HILTON, Martha

Session Classification: Parallel Talks

Search for local CP violation in the ...

Contribution ID: 357

Type: not specified

Search for local CP violation in the phase-space of D⁰ $\rightarrow \pi$ - π + π ⁰ decays using the energy test with LHCb Run 2 data

Wednesday, 6 April 2022 13:45 (12 minutes)

Presenter: COBBLEDICK, John (University of Manchester) **Session Classification:** Parallel Talks

Five-dimensional phase-space effic ...

Contribution ID: 358

Type: not specified

Five-dimensional phase-space efficiency in D->K3pi at LHCb for precision CP violation measurements

Wednesday, 6 April 2022 14:00 (12 minutes)

Presenter:LANE, Richard (University of Bristol)Session Classification:Parallel Talks

Beauty to doubly open charm deca...

Contribution ID: 359

Type: not specified

Beauty to doubly open charm decays with the LHCb detector

Wednesday, 6 April 2022 14:15 (12 minutes)

Presenter:BISHOP, Fionn (University of Cambridge)Session Classification:Parallel Talks

Sensitivity of a Boulby-based antin ...

Contribution ID: 360

Type: not specified

Sensitivity of a Boulby-based antineutrino detector to nuclear reactors over 100 km away.

Monday, 4 April 2022 13:46 (12 minutes)

Presenter:KNEALE, Elisabeth (University of Sheffield)Session Classification:Parallel Talks

IoP 2022 - Joint A ... / Report of Contributions

Recent results of the SoLid experi ...

Contribution ID: 361

Type: not specified

Recent results of the SoLid experiment

Monday, 4 April 2022 14:00 (12 minutes)

Presenter:GALBINSKI, Daniel (Imperial College London)Session Classification:Parallel Talks

Measurement of the Λ Baryon Pro ...

Contribution ID: 362

Type: not specified

Measurement of the Λ Baryon Production Cross Section in Neutrino Interactions with MicroBooNE

Monday, 4 April 2022 14:15 (12 minutes)

Presenter:THORPE, Christopher (Lancaster University)Session Classification:Parallel Talks

Measurement of the inclusive elec ...

Contribution ID: 363

Type: not specified

Measurement of the inclusive electron antineutrino cross-section on argon using the MicroBooNE detector

Monday, 4 April 2022 14:30 (12 minutes)

Presenter: REGGIANI-GUZZO, Marina (The University of Manchester)

Session Classification: Parallel Talks

Development of a search for Higgs ...

Contribution ID: 364

Type: not specified

Development of a search for Higgs Portal Scalars in MicroBooNE.

Monday, 4 April 2022 14:45 (12 minutes)

Presenter:BHANDERI, Aditya (Manchester)Session Classification:Parallel Talks

Reconstruction performance and c ...

Contribution ID: 365

Type: not specified

Reconstruction performance and characterisation of electromagnetic showers in the SBND detector.

Monday, 4 April 2022 15:00 (12 minutes)

Presenter:ZGLAM, Ala (The University of Sheffield)Session Classification:Parallel Talks

A study of neutral current pion ev...

Contribution ID: 366

Type: not specified

A study of neutral current pion events at Super Kamiokande

Monday, 4 April 2022 15:15 (12 minutes)

Presenter:MARTIN, Dan (Imperial College London)Session Classification:Parallel Talks

BOLEYN: a testbed for new neutri...

Contribution ID: 367

Type: not specified

BOLEYN: a testbed for new neutrino detection technologies

Monday, 4 April 2022 15:30 (12 minutes)

Presenter: SCARFF, Andrew (University of Sheffield) **Session Classification:** Parallel Talks

MAGIS & AION: long baseline ato ...

Contribution ID: 368

Type: not specified

MAGIS & AION: long baseline atom interferometry experiments

Tuesday, 5 April 2022 11:00 (12 minutes)

Presenter: HAWKINS, Leonie (The University of Liverpool) **Session Classification:** Parallel Talks IoP 2022 - Joint A ... / Report of Contributions

AION and MAGIS-100: Atom Inter...

Contribution ID: 369

Type: not specified

AION and MAGIS-100: Atom Interferometry Detectors Searching for Ultralight Dark Matter and Gravitational Waves and Their Limiting Systematics

Tuesday, 5 April 2022 11:15 (12 minutes)

Presenter: MITCHELL, Jeremiah (University of Cambridge) **Session Classification:** Parallel Talks

imaging for the MAGIS and AION ...

Contribution ID: 370

Type: not specified

imaging for the MAGIS and AION interferometers

Tuesday, 5 April 2022 11:30 (12 minutes)

Presenter: WEATHERILL, Dan (University of Oxford) **Session Classification:** Parallel Talks

A Phase Shear detection system for ...

Contribution ID: 371

Type: not specified

A Phase Shear detection system for the MAGIS-100 and AION experiments

Tuesday, 5 April 2022 11:45 (12 minutes)

Presenter:ELERTAS, Gedminas (University of Liverpool)Session Classification:Parallel Talks

Recent Progress in Radio Detectio ...

Contribution ID: 372

Type: not specified

Recent Progress in Radio Detection of Axion Dark Matter

Tuesday, 5 April 2022 12:00 (12 minutes)

Presenter: MCDONALD, Jamie (Centre for cosmology, particle physics and phenomenology (CP3), Université Catholique de Louvain)

Session Classification: Parallel Talks

The Nue/Numu Ratio within the N...

Contribution ID: 373

Type: not specified

The Nue/Numu Ratio within the NuMI Beam

Wednesday, 6 April 2022 11:00 (12 minutes)

Presenter: MOOR, Alexandra (University of Cambridge) **Session Classification:** Parallel Talks IoP 2022 - Joint A ... / Report of Contributions

Status of the Triple Differential Nu...

Contribution ID: 374

Type: not specified

Status of the Triple Differential Numu Bar CC Inclusive Cross-Section Analysis using Data Collected by the NOvA Near Detector

Wednesday, 6 April 2022 11:15 (12 minutes)

Presenter: SINGH, Prabhjot (Queen Mary University of London) **Session Classification:** Parallel Talks

Searching for an Improved NOvA...

Contribution ID: 375

Type: not specified

Searching for an Improved NOvA 3-flavour Neutrino Oscillation Analysis Event Selection

Wednesday, 6 April 2022 11:30 (12 minutes)

Presenter:MIKOLA, Veera (University College London)Session Classification:Parallel Talks

Transverse Kinematic Imbalance s...

Contribution ID: 376

Type: not specified

Transverse Kinematic Imbalance study in ProtoDUNE-SP for the interaction proton - argon

Wednesday, 6 April 2022 11:45 (12 minutes)

Presenter:VERGANI, Stefano (University of Cambridge)Session Classification:Parallel Talks

IoP 2022 - Joint A ... / Report of Contributions

Development of the Pandora LArT ...

Contribution ID: 377

Type: not specified

Development of the Pandora LArTPC event reconstruction to optimise the sensitivity to CP violation at DUNE

Wednesday, 6 April 2022 12:00 (12 minutes)

Presenter: MAWBY, Isobel (University of Warwick) **Session Classification:** Parallel Talks

Calibration of DUNE Far Detector ...

Contribution ID: 378

Type: not specified

Calibration of DUNE Far Detector using cosmic-ray muons

Wednesday, 6 April 2022 12:15 (12 minutes)

Presenter: KUMAR, Praveen (The University of Sheffield) **Session Classification:** Parallel Talks

Large Area Picosecond Photodetec ...

Contribution ID: 379

Type: not specified

Large Area Picosecond Photodetectors for future neutrino detectors

Wednesday, 6 April 2022 13:30 (12 minutes)

Presenter:FOSTER, Robert (University of Sheffield)Session Classification:Parallel Talks

A new easily scalable readout syst ...

Contribution ID: 380

Type: not specified

A new easily scalable readout system for distributed photomultiplier detector networks

Wednesday, 6 April 2022 13:45 (12 minutes)

Presenter:MÁNEK, Petr (University College London)Session Classification:Parallel Talks

Event by Event Directional Recons...

Contribution ID: 381

Type: not specified

Event by Event Directional Reconstruction in the SNO+ Scintillator Phase

Wednesday, 6 April 2022 14:00 (12 minutes)

Presenter:PATON, Josephine (University of Oxford)Session Classification:Parallel Talks

A Statistical Approach to Modellin ...

Contribution ID: 382

Type: not specified

A Statistical Approach to Modelling the Optical Scattering Calibration System in SNO+

Wednesday, 6 April 2022 14:15 (12 minutes)

Presenter:COOKMAN, Daniel (University of Oxford)Session Classification:Parallel Talks

The LUX-ZEPLIN (LZ) Experiment

Contribution ID: 383

Type: not specified

The LUX-ZEPLIN (LZ) Experiment

Monday, 4 April 2022 13:46 (12 minutes)

Presenter: COTTLE, Amy (University of Oxford) **Session Classification:** Parallel Talks IoP 2022 - Joint A ... / Report of Contributions

Se-Rn-dipitous Seque-LZ: Radon i...

Contribution ID: 384

Type: not specified

Se-Rn-dipitous Seque-LZ: Radon in LZ

Monday, 4 April 2022 14:00 (12 minutes)

Presenter: ANGELIDES, Nicolas (Imperial College London) **Session Classification:** Parallel Talks

Photon Detection in LUX-ZEPLIN...

Contribution ID: 385

Type: not specified

Photon Detection in LUX-ZEPLIN (LZ) and LXe TPCs

Monday, 4 April 2022 14:15 (12 minutes)

Presenter:BAKER, Albert (Imperial College London)Session Classification:Parallel Talks

IoP 2022 - Joint A ... / Report of Contributions

Saturation corrections in the LUX-...

Contribution ID: 386

Type: not specified

Saturation corrections in the LUX-ZEPLIN experiment

Monday, 4 April 2022 14:30 (12 minutes)

Presenter: AL MUSALHI, Aiham (University of Oxford) **Session Classification:** Parallel Talks

Preliminary projected sensitivity o ...

Contribution ID: 387

Type: not specified

Preliminary projected sensitivity of LZ to Majoron-emitting double beta decay modes of ¹³⁶Xe

Monday, 4 April 2022 14:45 (12 minutes)

Presenter:TONG, Zhaozhen (Imperial College London)Session Classification:Parallel Talks

IoP 2022 - Joint A ... / Report of Contributions

FlameNEST

Contribution ID: 388

Type: not specified

FlameNEST

Monday, 4 April 2022 15:00 (12 minutes)

Presenter:PALMER, Jordan (Royal Holloway University of London)Session Classification:Parallel Talks

Preparations for the first observati ...

Contribution ID: 389

Type: not specified

Preparations for the first observation of the Migdal effect

Monday, 4 April 2022 15:15 (12 minutes)

Presenter:MARLEY, Timothy (STFC)Session Classification:Parallel Talks

Exploring the current and future p...

Contribution ID: 390

Type: not specified

Exploring the current and future physics potential of liquid noble direct dark matter detection experiments

Monday, 4 April 2022 15:30 (12 minutes)

Presenter: SANDFORD, Ellen (The University of Manchester) **Session Classification:** Parallel Talks

Towards efficient neutron spectro ...

Contribution ID: 391

Type: not specified

Towards efficient neutron spectroscopy with a Nitrogen-filled Spherical Proportional Counter

Tuesday, 5 April 2022 11:00 (12 minutes)

Presenter:MANTHOS, Ioannis (University of Birmingham)Session Classification:Parallel Talks

Reaching the neutrino floor for ...

Contribution ID: 392

Type: not specified

Reaching the neutrino floor for sub-GeV dark matter with spherical proportional counters fully electroformed underground

Tuesday, 5 April 2022 11:15 (12 minutes)

Presenter: KATSIOULAS, Ioannis (University of Birmingham) **Session Classification:** Parallel Talks

Qualification of Photo Detector Un ...

Contribution ID: 393

Type: not specified

Qualification of Photo Detector Units for the DarkSide-20k experiment.

Tuesday, 5 April 2022 11:30 (12 minutes)

Presenter:BALMFORTH, Zoe (Royal Holloway, University of London)Session Classification:Parallel Talks

Mitigating Accidental Background ...

Contribution ID: 394

Type: not specified

Mitigating Accidental Backgrounds in LZ using Convolution Neural Networks

Tuesday, 5 April 2022 11:45 (12 minutes)

Presenter: KHURANA, Ishan (.) **Session Classification:** Parallel Talks

A Next Generation Liquid Xenon O ...

Contribution ID: 395

Type: not specified

A Next Generation Liquid Xenon Observatory

Tuesday, 5 April 2022 12:00 (12 minutes)

Presenter:OLIVER-MALLORY, Kelsey (Imperial College London)Session Classification:Parallel Talks

Sense and Sensitivity: Confronting ...

Contribution ID: 396

Type: not specified

Sense and Sensitivity: Confronting the radiological screening challenges for next-generation rare event detectors

Tuesday, 5 April 2022 12:15 (12 minutes)

Presenters: LIU, XinRan (The University of Edinburgh); LIU, Xinran (The University Of Edinburgh)

Session Classification: Parallel Talks

Detection and Reconstruction of ...

Contribution ID: 397

Type: not specified

Detection and Reconstruction of High-Flux Electron Energy Spectra in the Strong-Field QED Regime with LUXE

Wednesday, 6 April 2022 11:00 (12 minutes)

Presenter: HALLFORD, John (University College London) **Session Classification:** Parallel Talks

Status of the R2D2 $0\nu\beta\beta$ Experiment

Contribution ID: 398

Type: not specified

Status of the R2D2 0vßß Experiment

Wednesday, 6 April 2022 11:15 (12 minutes)

Presenter: KNIGHTS, Patrick (University of Birmingham) **Session Classification:** Parallel Talks

Characterisation of Germanium D ...

Contribution ID: 399

Type: not specified

Characterisation of Germanium Detectors for LEGEND-200

Wednesday, 6 April 2022 11:30 (12 minutes)

Presenter: ALEXANDER, Abigail (University College London) **Session Classification:** Parallel Talks

Detecting supernova neutrinos at ...

Contribution ID: 400

Type: not specified

Detecting supernova neutrinos at SNO+

Wednesday, 6 April 2022 11:45 (12 minutes)

Presenter: VALDER, Sammy (University of Sussex) **Session Classification:** Parallel Talks

Supernova Discrimination with a ...

Contribution ID: 401

Type: not specified

Supernova Discrimination with a Kiloton-scale Water Cherenkov Detector

Wednesday, 6 April 2022 12:00 (12 minutes)

Presenter: SCHNELLBACH, Yan-Jie (University of Liverpool) **Session Classification:** Parallel Talks

Probing extreme-energy universe t ...

Contribution ID: 402

Type: not specified

Probing extreme-energy universe through EeV neutrino detection with the ANITA and PUEO experiments

Wednesday, 6 April 2022 12:15 (12 minutes)

Presenter: XIE, Cheng (University College London)

Session Classification: Parallel Talks

Measuring the anomalous precessi ...

Contribution ID: 403

Type: not specified

Measuring the anomalous precession frequency of the muon with the Muon g-2 tracking detectors

Wednesday, 6 April 2022 13:30 (12 minutes)

Presenter:SWEETMORE, George (University of Manchester)Session Classification:Parallel Talks

Searching for a muon EDM at the ...

Contribution ID: 404

Type: not specified

Searching for a muon EDM at the new g-2 experiment at Fermilab

Wednesday, 6 April 2022 13:45 (12 minutes)

Presenter: VASILKOVA, Dominika (University College London) **Session Classification:** Parallel Talks

Physics Validations of Simulations ...

Contribution ID: 405

Type: not specified

Physics Validations of Simulations for the COMET Low-Energy, Neutrinoless μ-e Conversion Experiment

Wednesday, 6 April 2022 14:00 (12 minutes)

Presenter: DERVENI, Roden (Imperial College London) **Session Classification:** Parallel Talks

Track pileup mitigation using a ...

Contribution ID: 406

Type: not specified

Track pileup mitigation using a one-dimensional maximum likelihood fit for the Mu3e experiment

Wednesday, 6 April 2022 14:15 (12 minutes)

Presenter:GAYTHER, Benjamin (University College London)Session Classification:Parallel Talks

Physics case for the proANUBIS p ...

Contribution ID: 407

Type: not specified

Physics case for the proANUBIS prototype

Monday, 4 April 2022 13:45 (12 minutes)

Presenter:BRANDT, Oleg (University of Cambridge)Session Classification:Parallel Talks

A new approach for LHC event an ...

Contribution ID: 408

Type: not specified

A new approach for LHC event analysis using graph networks

Monday, 4 April 2022 18:15 (12 minutes)

Presenter: MULLIN, Anna (University of Cambridge) **Session Classification:** Social

Electron calibration for the Level-1...

Contribution ID: 409

Type: not specified

Electron calibration for the Level-1 Calorimeter trigger at the ATLAS Experiment

Monday, 4 April 2022 18:15 (12 minutes)

Presenter: MARINESCU, Mihaela (University of Birmingham)

Session Classification: Social

Determination of nuclear fission r ...

Contribution ID: 410

Type: not specified

Determination of nuclear fission reactor range using water Cherenkov detectors

Monday, 4 April 2022 19:30 (12 minutes)

Presenter: WILSON, Stephen (The University of Sheffield) **Session Classification:** Social

Searches for Exclusive Flavour-...

Contribution ID: 411

Type: not specified

Searches for Exclusive Flavour-Violating Decays of the Higgs and Z Bosons to a Meson and a Photon with the ATLAS Experiment

Monday, 4 April 2022 20:00 (12 minutes)

Presenter: WARD, Robert (University of Birmingham) **Session Classification:** Social

Simulation studies into the main b ...

Contribution ID: 412

Type: not specified

Simulation studies into the main backgrounds for ANUBIS

Monday, 4 April 2022 19:45 (12 minutes)

Presenter: BURR, Jon (University of Cambridge) **Session Classification:** Social

FERS-5200: a distributed Front-...

Contribution ID: 413

Type: not specified

FERS-5200: a distributed Front-End Readout System for multidetector arrays

Monday, 4 April 2022 20:00 (12 minutes)

Presenter: VENTURINI, Yuri (CAEN SpA) **Session Classification:** Social

An Approach to the Hyper-...

Contribution ID: 414

Type: not specified

An Approach to the Hyper-Kamiokande Outer Detector Clustering Algorithm for Cosmic Muons

Monday, 4 April 2022 20:00 (12 minutes)

Presenter: BURTON, George (King's College London) **Session Classification:** Social

Searching for supernova relic neut...

Contribution ID: 415

Type: not specified

Searching for supernova relic neutrinos with SK-Gd

Monday, 4 April 2022 19:45 (12 minutes)

Presenter:FANNON, Jack (University of Sheffield)Session Classification:Social

Using DM-Ice17 as an assistance t...

Contribution ID: 416

Type: not specified

Using DM-Ice17 as an assistance tool within the IceCube Neutrino Observatory

Monday, 4 April 2022 20:00 (12 minutes)

Presenter: CLARK, Rogan (Kings College, London) **Session Classification:** Social

Simulation Studies of the Hyper K ...

Contribution ID: 417

Type: not specified

Simulation Studies of the Hyper Kamiokande Outer Detector

Monday, 4 April 2022 19:45 (12 minutes)

Presenter: MILLER, Ewan (King's College London) **Session Classification:** Social

Hyper-Kamiokande sensitivity an...

Contribution ID: 418

Type: not specified

Hyper-Kamiokande sensitivity and systematic uncertainties studies

Monday, 4 April 2022 18:30 (12 minutes)

Presenter: XIE, Zhenxiong (King's College London) **Session Classification:** Social

Sub GeV-Scale Particle Identificati ...

Contribution ID: 419

Type: not specified

Sub GeV-Scale Particle Identification with a Machine Learning Technique in the Hyper-Kamiokande Detector

Monday, 4 April 2022 18:30 (12 minutes)

Presenter: GAO, Joanna (King's College London)

Session Classification: Social

Background in Darkside-20k

Contribution ID: 420

Type: not specified

Background in Darkside-20k

Monday, 4 April 2022 19:00 (12 minutes)

Presenter:SANTONE, Daria (Royal Holloway, University of London)Session Classification:Social

Muon Analysis at SNO+

Contribution ID: 421

Type: not specified

Muon Analysis at SNO+

Monday, 4 April 2022 19:15 (12 minutes)

Presenter: DIXON, Katharine (King's College London)

Session Classification: Social

Understanding Neutron Backgrou...

Contribution ID: 422

Type: not specified

Understanding Neutron Backgrounds in the LUX-ZEPLIN Dark Matter Search using Multiple Scatter Events

Monday, 4 April 2022 18:45 (12 minutes)

Presenter: ORPWOOD, Jonathan (University of Sheffield)

Session Classification: Social

Application of jet density correctio ...

Contribution ID: 423

Type: not specified

Application of jet density corrections to forward topo towers using the ATLAS detector in the context of ttZ(Z-> vv).

Monday, 4 April 2022 18:45 (12 minutes)

Presenter: POSTILL, Michael (University of Sheffiled) **Session Classification:** Social

Fiducial and differential measurem ...

Contribution ID: 424

Type: not specified

Fiducial and differential measurements of W+Wproduction in decay topologies inspired by searches for electroweak supersymmetry in two-lepton final states.

Monday, 4 April 2022 18:45 (12 minutes)

Presenter: RUTHERFORD COLMENARES, Sebastian (University of Cambridge)

Session Classification: Social

Validating the Field Response Sim ...

Contribution ID: 425

Type: not specified

Validating the Field Response Simulation of the Short-Baseline Near Detector (SBND)

Monday, 4 April 2022 18:45 (12 minutes)

Presenter:SCOTT, Harry (University of Sheffield)Session Classification:Social

Probing New Physics at the LHC:...

Contribution ID: 426

Type: not specified

Probing New Physics at the LHC: the EFT Pathway

Monday, 4 April 2022 19:15 (12 minutes)

Presenter: THOMAS, Marion (University of Manchester) **Session Classification:** Social

Atom Interferometers for Fundam ...

Contribution ID: 427

Type: not specified

Atom Interferometers for Fundamental Physics

Monday, 4 April 2022 19:30 (12 minutes)

Presenter:THROSSELL, Henry (University of Liverpool)Session Classification:Social

Investigating the Material Compat...

Contribution ID: 428

Type: not specified

Investigating the Material Compatibility of Gadolinium Sulphate with Photosensors via Long-term Soak Tests

Monday, 4 April 2022 19:30 (12 minutes)

Presenter: TOTH, Christopher (STFC) **Session Classification:** Social

Research and development toward ...

Contribution ID: 429

Type: not specified

Research and development towards a next-generation dark matter experiment at Boulby Underground Laboratory.

Monday, 4 April 2022 19:15 (12 minutes)

Presenter: TRANTER, Jemima (University of Sheffield) **Session Classification:** Social

First Results of the 2021 FASER Ca...

Contribution ID: 430

Type: not specified

First Results of the 2021 FASER Calorimeter Test Beam

Monday, 4 April 2022 19:30 (12 minutes)

Presenter: CAVANAGH, Charlotte (University of Liverpool)

Monitoring Nuclear Sites via Anti-...

Contribution ID: 431

Type: not specified

Monitoring Nuclear Sites via Anti-Neutrino Detection

Monday, 4 April 2022 19:15 (12 minutes)

Presenter: DASARI, Joel (University of Liverpool) **Session Classification:** Social

Measurement of Charged Pion Pro...

Contribution ID: 432

Type: not specified

Measurement of Charged Pion Production Cross-Sections for Interactions of Muon Neutrinos on Argon in MicroBooNE

Monday, 4 April 2022 19:30 (12 minutes)

Presenter: DETJE, Jan Philip (MicroBooNE Collaboration / University of Cambridge)

Rapid Prototype Plastic Scintillato ...

Contribution ID: 433

Type: not specified

Rapid Prototype Plastic Scintillators for Gamma Detection

Monday, 4 April 2022 19:15 (12 minutes)

Presenter: GREER, James (University of Sheffield) **Session Classification:** Social

Using MCMC on Hyper-Kamiokande

Contribution ID: 434

Type: not specified

Using MCMC on Hyper-Kamiokande

Monday, 4 April 2022 20:00 (12 minutes)

Presenter: ISRAEL, Henry (Sheffield University) **Session Classification:** Social

Selecting antineutrino charged cur ...

Contribution ID: 435

Type: not specified

Selecting antineutrino charged current events with photons in the final state using the T2K near detector

Monday, 4 April 2022 19:00 (12 minutes)

Presenter: LAMERS JAMES, Menai (Lancaster University and Rutherford Appleton Laboratory (on behalf of the T2K collaboration))

Comparing Reconstruction Paradi ...

Contribution ID: 436

Type: not specified

Comparing Reconstruction Paradigms in MicroBooNE's First Low Energy Excess Analyses

Monday, 4 April 2022 19:45 (12 minutes)

Presenter: SHI, Jingyuan (University of Cambridge) **Session Classification:** Social

Low-level reconstruction improve ...

Contribution ID: 437

Type: not specified

Low-level reconstruction improvements for future low-energy excess (LEE) Pandora-based analyses at MicroBooNE

Monday, 4 April 2022 19:00 (12 minutes)

Presenter: WRESILO, Karolina (University of Cambridge) **Session Classification:** Social

Searching for Axion-Like Particles ...

Contribution ID: 438

Type: not specified

Searching for Axion-Like Particles with The Mu3e Experiment

Monday, 4 April 2022 19:00 (12 minutes)

Presenter: HUGHES, Sean (University of Liverpool) **Session Classification:** Social

A new technique for the reconstru...

Contribution ID: 439

Type: not specified

A new technique for the reconstruction of the interaction vertices inside the CMS detector at HL-LHC

Monday, 4 April 2022 19:45 (12 minutes)

Presenter: SALVI, Giovanna (University of Southampton)

Selection of muon neutrino ...

Contribution ID: 440

Type: not specified

Selection of muon neutrino charged-current interactions with improved acceptance in the T2K off-axis near detector

Monday, 4 April 2022 19:45 (12 minutes)

Presenter: XU, Yongheng (Lancaster University) **Session Classification:** Social

Tuning NEUT's physics models us ...

Contribution ID: 441

Type: not specified

Tuning NEUT's physics models using a new electron scattering extension

Monday, 4 April 2022 19:00 (12 minutes)

Presenter: MCELWEE, Jordan (The University of Sheffield) **Session Classification:** Social

Classification of the ${}^{13}C(\alpha,n){}^{16}O$ ba...

Contribution ID: 442

Type: not specified

Classification of the ¹³C(α,n)¹⁶O background in the SNO+ antineutrino analyses

Monday, 4 April 2022 19:30 (12 minutes)

Presenter: MILLS, Charlie (University of Sussex) **Session Classification:** Social

Search for Resonant Production fr ...

Contribution ID: 443

Type: not specified

Search for Resonant Production from $hh \rightarrow b^-bb^-$ in ATLAS Detector using Superboosted Analysis

Monday, 4 April 2022 18:30 (12 minutes)

Presenter: NORISAM, Raif (University College London) **Session Classification:** Social

Large-scale data processing and m...

Contribution ID: 444

Type: not specified

Large-scale data processing and monitoring for run 3 with Analysis Productions at LHCb

Monday, 4 April 2022 18:30 (12 minutes)

Presenter: WHITE, Dylan Jaide (CERN/University of Manchester)

H₂-doping of liquid xenon detecto ...

Contribution ID: 445

Type: not specified

H₂-doping of liquid xenon detectors to search for neutrinoless double beta decay.

Monday, 4 April 2022 18:15 (12 minutes)

Presenter: JACQUET, Elisa (Imperial College London) **Session Classification:** Social

Calibration of the UK Hyper-...

Contribution ID: 446

Type: not specified

Calibration of the UK Hyper-KiloMetric Submarine Deep Detector prototype for undersea muography measurements

Monday, 4 April 2022 18:15 (12 minutes)

Presenter: JENKINS, Sam (University of Sheffield) **Session Classification:** Social

Imaging Subterranean Structures u ...

Contribution ID: 447

Type: not specified

Imaging Subterranean Structures using Muon Tomography

Monday, 4 April 2022 18:15 (12 minutes)

Presenter: STOWELL, Patrick (University of Durham) **Session Classification:** Social

Charged Pion Interaction Uncertai...

Contribution ID: 448

Type: not specified

Charged Pion Interaction Uncertainties with Geant 4 Reweight

Monday, 4 April 2022 18:30 (12 minutes)

Presenter: THORPE, Christopher (Lancaster University) **Session Classification:** Social

ATLAS Virtual Visits - Take part f...

Contribution ID: 449

Type: not specified

ATLAS Virtual Visits - Take part from anywhere in the world

Monday, 4 April 2022 18:45 (12 minutes)

Presenter: RENNIE, Adam (University of Glasgow)

test

Contribution ID: 450

Type: not specified

test

Presenter: TEST, test

HEPP committee announcements

Contribution ID: 451

Type: not specified

HEPP committee announcements

Wednesday, 6 April 2022 16:00 (5 minutes)

Presenter: MUHEIM, Franz Session Classification: Plenary

Reparameterisations of the neutrin ...

Contribution ID: 452

Type: not specified

Reparameterisations of the neutrino mixing matrix in T2K's oscillation analysis

Monday, 4 April 2022 20:00 (12 minutes)

Presenter: LOPEZ MORENO, Andres (King's College London) Session Classification: Social