

Session Program

8-11 Apr 2024

IOP Joint APP, HEPP and NP Annual Conference 2024

Parallel Sessions

The Spine, Liverpool

Wednesday 10 April

09:00

Parallel Sessions: Wednesday I Session A

Session | **Location:** The Spine, Space One | **Convener:** Sara Alderweireldt

09:00–09:15 **Search for long lived ALPs that decay into diphoton in Run 3 (12'+3')**

Speaker

Rebecca Katie Irwin

09:15–09:30 **Searches for the Inert Doublet Model (12'+3')**

Speaker

Edward Curtis

Location

The Spine, Space One

09:30–09:45 **Search for dark showers in the b-parking dataset (12'+3)**

Speakers

Kai Hong Law, Kai Hong Law

Location

The Spine, Space One

09:45–10:00 **Re-thinking the CMS Level 1 Trigger with Machine Learning (12'+3')**

Speaker

Maciej Mikolaj Glowacki

Location

The Spine, Space One

10:00–10:15 **The ATLAS Run III L1 calorimeter trigger (12'+3')**

Speaker

Panagiotis Bellos

Location

The Spine, Space One

10:15–10:30

Measurement of Higgs boson properties via the $H \rightarrow \tau\tau$ decay channel (12'+3')

Speaker

Roxani Lazaridou

Location

The Spine, Space One

10:30

09:00

Parallel Sessions: Wednesday I Session B

Session | **Location:** The Spine, Space Two | **Convener:** Tracey Berry

09:00–09:15

A search for lepton flavour violating $\tau \rightarrow 3\mu$ decays with the ATLAS experiment (12'+3')

Speaker

Conor McPartland

09:15–09:30

Search for light long-lived neutral particles from Higgs boson decays via vector-boson-fusion production from proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector (12'+3')**Speaker**

Richards González

09:30–09:45

Searching for direct stau production in the lepton-hadron final state at ATLAS using machine learning (12'+3')**Speaker**

Sebastian Rutherford Colmenares

09:45–10:00

Searching for Supersymmetry with the ATLAS Detector (12'+3')**Speaker**

Alessandro Ruggiero

10:00–10:15

A search for tri-Higgs production at the ATLAS detector (12'+3')**Speaker**

Maggie Chen

10:15–10:30

ML and BSM reinterpretation - challenges and opportunities (12'+3')**Speaker**

Tomasz Procter

10:30

09:00

Parallel Sessions: Wednesday I Session C**Session** | **Location:** The Spine, Space Four | **Convener:** Kostas Mavrokoridis

09:00–09:15

Beyond the standard model particle searches in MicroBooNE (12'+3')**Speaker**

Luciano Arellano

09:15–09:30

Sensitivity to HNLs with the ANUBIS detector (12'+3')**Speaker**

Anna Jane Mullin

09:30–09:45

Developing the Reconstruction of a Magnetised Gaseous Argon TPC for the DUNE Near Detector (12'+3')**Speaker**

Francisco Martinez Lopez

09:45–10:00

A Data-Driven Extrapolation Technique for the DUNE-PRISM Oscillation Analysis (12'+3')**Speaker**

Alexander J Wilkinson

10:00–10:15

Measuring Reactor Antineutrino Oscillation at SNO+ (12'+3')**Speaker**

James Page

10:30

09:00

Parallel Sessions: Wednesday I Session D**Session** | **Location:** The Spine, Space Five | **Convener:** Amy Cottle

09:00–09:15

Stopping Effects and Sensitivity of Sub-GeV Dark Matter in QUEST-DMC (12'+3')**Speaker**

Neda Darvishi

09:15–09:30

Cryogenic qualification of SiPM array detectors for the DarkSide-20k experiment (12'+3')**Speaker**

Alice Hamer

09:30–09:45

Boosted Dark Matter Sensitivity in the DarkSide-20k Detector (12'+3')**Speaker**

Zoe Balmforth

09:45–10:00

The APEX Experiment: a dark matter search at Jefferson Lab Hall A (12'+3')**Speaker**

Oliver Jevons

10:00–10:15

Status of the LUX-ZEPLIN (LZ) Dark Matter Experiment (12'+3')**Speaker**

Ewan Fraser

10:15–10:30

LZ Outer Detector: Calibration, Monitoring and Performance in Contribution to First Science Result (12'+3')**Speakers**

Sam Woodford, Sam Woodford

10:30

09:00

Parallel Sessions: Wednesday I Session E**Session** | **Location:** The Spine, Space Seven | **Convener:** Sam Jenkins

09:00–09:15

BUTTON Simulations for the Development of WbLS (12'+3')**Speaker**

Adam Tarrant

09:15–09:30

ARIADNE+: Large Scale Demonstration of Fast Optical Readout for Dual Phase LArTPCs at the CERN Neutrino Platform (12'+3')**Speaker**

Adam Lowe

09:30–09:45

Q-Pix: pixel-based charge readout for kton scale LArTPC (12'+3')**Speaker**

Shion Kubota

09:45–10:00

The University of Sheffield LArTPC Test Stand for Development of Next Generation Charge Readout Technologies (12'+3')**Speaker**

Harry Scott

10:00–10:15

Understanding the Off-Axis Flux of Neutrinos from Neutral Kaons (12'+3')**Speaker**

Holly Parkinson

10:30

09:00

Parallel Sessions: Wednesday I Session F**Session** | **Location:** The Spine, Space Eight | **Convener:** Paolo Beltrame

09:00–09:15

Status of the Fermilab Muon g-2 Experiment (12'+3')**Speaker**

Ce Zhang

09:15–09:30

Measurement of the anomalous spin precession frequency ω_a in the Muon g-2 experiment at Fermilab (12'+3')**Speaker**

Lorenzo Cotrozzi

09:30–09:45

Search for an explanation to the muon anomalous magnetic moment through the non-resonant production of two additional Higgs bosons (12'+3')**Speaker**

Klitos Savva

09:45–10:00

Status of the MUonE experiment (12'+3')**Speaker**

Riccardo Pilato

10:00–10:15

Measurement of the muon electric dipole moment at the Fermilab Muon g-2 experiment (12'+3')**Speakers**

Lucy Bailey, Miss Lucy Bailey Bailey

10:15–10:30

Nuanced Beta Spectral Shapes and Their Role in Exploring Physics Beyond the Standard Model (12'+3')**Speaker**

Marlom Ramalho

10:30

09:00

Parallel Sessions: Wednesday I Session G**Session** | **Location:** The Spine, Space Six | **Convener:** Marielle Chartier

09:00–09:15

Silicon detector upgrades in ALICE: ITS3 and ALICE 3 (12'+3')**Speaker**

Jian Liu

09:15–09:30

Low transverse momentum jet measurements in heavy-ion collisions with ALICE (12'+3')**Speaker**

Jaime Norman

09:30–09:45

Exploring Neutron stars EoS with coherent $\pi^0\pi^0$ photoproduction at A2@MAMI (12'+3')**Speaker**

Mihai Mocanu

09:45–10:00

Probing the strange meson spectrum through the analysis of photoproduction reaction $\gamma p \rightarrow K+K-\gamma p$ at the GlueX experiment (12'+3')**Speaker**

Darius Darulis

10:00–10:15

Studying gluon GPDs at the Electron Ion Collider via DVMP (12'+3')**Speaker**

Stuart Fegan

10:15–10:30

Measurement of the Electric Form Factor of the Neutron (12'+3')**Speaker**

Gary Penman

10:30

09:00

Parallel Sessions: Wednesday I Session H**Session** | **Location:** The Spine, Space Nine | **Convener:** David Jenkins

09:00–09:15

Dense room temperature spin polarized nuclear targets from SABRE chemical hyperpolarization methods - R&D status (12'+3')**Speakers**

Benjamin Collins, Benjamin Collins

09:15–09:30

Nuclear Density Functional Theory Calculations of Nuclear Schiff Moment of Ac-227 (12'+3')**Speaker**

Herlik Wibowo

09:30–09:45

Shell-model study of ^{58}Ni using quantum computing algorithm (12'+3')**Speaker**

Bharti Bhoy

09:45–10:00

Binding Blocks UK: A National, Inclusive Programme for Nuclear Physics Education (12'+3')**Speaker**

Joel Richardson

10:00–10:15

(Many!) Proton Knockout With CLAS@JLAB (12'+3')

Speaker

Rhidian Williams

10:15–10:30

Cross Sections of Proton-Induced Reactions on natZn and natNi: Exploring the $^{67}\text{Cu}/^{64}\text{Cu}$ Theranostic Pair Production (12'+3')**Speaker**

Mamad Eslami

10:30

11:00

Parallel Sessions: Wednesday II Session A**Session** | **Location:** The Spine, Space One | **Convener:** Nikolaos Rompotis

11:15–11:30

Search for Decays of the Higgs Boson into a Z Boson and a Light Hadronically Decaying Resonance (12'+3')**Speaker**

Chonghao Wu

11:30–11:45

Transformer Neural Networks for Large Radius Jet Classification and Regression for Boosted Higgs Bosons at the ATLAS Detector (12'+3')**Speaker**

Andrius Vaitkus

11:45–12:00

Constraining Anomalous Quartic Gauge Couplings in Production of Three Massive Vector Bosons with the ATLAS detector (12'+3')**Speaker**

Patrick Dougan

12:00–12:15

The first measurement of the $t\bar{t}Z \rightarrow \nu\bar{\nu}\nu$ cross section. (12'+3')**Speaker**

Michael Antony Postill

12:15–12:30

Top quark mass measurement in the boosted lepton+jets channel in pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector at the LHC (12'+3')**Speaker**

Elliot Watton

12:30

11:00

Parallel Sessions: Wednesday II Session B**Session** | **Location:** The Spine, Space Two | **Convener:** Carl Gwilliam

11:00–11:15

A Search for Dark Matter in the Light of Dark-Higgs Strahlung (12'+3')**Speaker**

Tim Lukas Brueckler

11:15–11:30

A search for high-mass resonances decaying to $t\bar{t}$ in pp-collisions at center-of-mass energy = 13 TeV with the Run-2 data of the ATLAS detector (12'+3')**Speaker**

Christos Vergis

11:30-11:45

Searching for missing mass in proton-tagged dilepton events with the AFP and ATLAS detectors (12'+3')**Speaker**

Josh Lomas

11:45-12:00

The Search for Axion-Like Particles with the FASER Experiment at the LHC (12'+3')**Speaker**

Charlotte Cavanagh

12:00-12:15

Baler: Machine-Learning-Based Compression of Scientific Data in Real Time (12'+3')**Speaker**

James Smith

12:15-12:30

Upgrading the magnetic spectrometer for electron bunch emittance and energy measurements at AWAKE. (12'+3')**Speaker**

Fern Pannell

12:30

11:00

Parallel Sessions: Wednesday II Session C**Session** | **Location:** The Spine, Space Four | **Convener:** Neil McCauley

11:00-11:15

Sensitivity Studies for a Gaseous Argon Near Detector for DUNE (12'+3')**Speaker**

Naseem Khan

11:15-11:30

Analysing the fast oscillations of atmospheric neutrinos at Super-Kamiokande (12'+3')**Speaker**

George Burton

11:30-11:45

Sterile Neutrino Oscillation Searches using the VALOR Fitting Framework at SBN (12'+3')**Speaker**

Beth Slater

11:45-12:00

Improving Neutrino Energy Reconstruction with Machine Learning (12'+3')**Speaker**

Margot MacMahon

12:00-12:15

Joint analysis between Super-Kamiokande atmospheric and T2K accelerator neutrinos (12'+3')

Speaker

Zhenxiong Xie

12:15-12:30

Supernova triggering at DUNE from machine-learning based clustering (12'+3')**Speaker**

Dennis Lindebaum

12:30

11:00

Parallel Sessions: Wednesday II Session D**Session** | **Location:** The Spine, Space Five | **Convener:** Sergey Burdin

11:00-11:15

Characterising Electric Fields in LZ (12'+3')**Speaker**

Sparshita Dey

11:15-11:30

Multiple Scatter Neutron Background Measurements in LZ (12'+3')**Speaker**

Jo Orpwood

11:30-11:45

Studies of radioactive background from environment for a potential LXe dark matter experiment at Boulby (12'+3')**Speaker**

Jemima Tranter

11:45-12:00

Searching for Low Mass Dark Matter in Silicon using the Silicon Photomultipliers in Darkside-20k. (12'+3')**Speaker**

Seraphim Koulosousas

12:00-12:15

Benchmarking the DarkSide-20k UAr Cryogenic System (12'+3')**Speakers**

Oliver Macfadyen, Olly Macfadyen

12:15-12:30

Muon & Antimuon Separation Using Machine Learning at MicroBooNE**Speaker**

Charlie Batchelor

12:30

11:00

Parallel Sessions: Wednesday II Session E**Session** | **Location:** The Spine, Space Seven | **Convener:** Prof. David Waters

11:00-11:15

Measuring muon antineutrino charged-current interactions without mesons in the final state, in the NOvA Near Detector. (12'+3')**Speaker**

Kevin Vockerodt

11:15-11:30

TPC Calibration in the Short Baseline Near Detector (SBND) (12'+3')**Speakers**

Robert Darby, Robert Darby

11:30–11:45

Modelling Cosmic Ray Muon Spallation for a Hyper-Kamiokande DSNB Analysis (12'+3')**Speaker**

Jack Fannon

11:45–12:00

Constraints on the Cosmic Neutrino Background from NGC1068 (12'+3)**Speaker**

Jack Franklin

12:00–12:15

The SNO+ Neutrinoless Double Beta Decay Programme (12'+3')**Speaker**

Dr Benjamin Tam

12:15–12:30

Cold Atoms, Cool Physics: Progress in the AION Project (12'+3')**Speaker**

Elizabeth Pasatembou

12:30

11:00

Parallel Sessions: Wednesday II Session F**Session** | **Location:** The Spine, Space Eight | **Convener:** Paras Naik

11:00–11:15

Characterization of irradiated Silicon Photomultipliers for LHCb Upgrade II (12'+3')**Speaker**

Constantinos Vrahas

11:15–11:30

Amplitude Analysis of $B^0 \rightarrow D^0 D^- K^+ \pi^-$ decays with the LHCb experiment (12'+3')**Speaker**

Jake Amey

11:30–11:45

Search for rare $B_d \rightarrow \phi \phi$ decays in the full Run 1 + Run 2 dataset from the LHCb experiment (12'+3')**Speaker**

Mary Richardson-Slipper

11:45–12:00

Angular analysis of rare B_s decays involving electrons at the LHCb Experiment (12'+3')**Speaker**

Lorenzo Paolucci

12:00–12:15

Test of lepton flavour universality using $B^+ \rightarrow K^+ l^+ l^-$ processes at high dilepton invariant mass (12'+3')**Speaker**

James Herd

12:15-12:30

Search for Right-Handed Weak Decays with the LHCb Detector (12'+3')**Speaker**

James Brown

12:30

11:00

Parallel Sessions: Wednesday II Session G**Session** | **Location:** The Spine, Space Six | **Convener:** Liam Gaffney

11:00-11:15

Comparing Post Processing Nucleosynthesis (PPN) codes: An investigation into the impact that different reaction rate libraries and PPN codes can have on a variety of different astrophysical environments (12'+3')**Speaker**

Alexander Hall-Smith

11:15-11:30

Constraining the NiCu cycle in X-ray bursts: Spectroscopy of ^{60}Zn (12'+3')**Speaker**

Mr Connor Thomas O'Shea

11:30-11:45

A new Measurement of $^{16}\text{O}(p, \alpha)^{13}\text{N}$ reaction rate using MUSIC detector at the energies relevant to SNIa (12'+3')**Speaker**

May Alruwaili

11:45-12:00

Neutron irradiations at the University of Birmingham High Flux Accelerator Driven Neutron Facility (HF-ADNeF) (12'+3')**Speaker**

Jack Bishop

12:00-12:15

Spectroscopy of ^{23}F Following a One-Neutron Removal Reaction (12'+3')**Speaker**

Luke Tetley

12:15-12:30

Coulomb Excitation in ^{80}Sr (12'+3')**Speaker**

Reuben Russell

12:30

11:00

Parallel Sessions: Wednesday II Session H**Session** | **Location:** The Spine, Space Nine | **Convener:** Jack Henderson

11:00-11:15

Tracing two-neutron halos in N=28 isotones: A three-body adventure (12'+3')**Speaker**

Jagjit Singh

11:15-11:30

Two-centre harmonic oscillator basis for Skyrme Hartree Fock: alpha clustering in ^{8}Be and $^{24}\text{Mg} \rightarrow ^{12}\text{C} + ^{12}\text{C}$ as a proof of principles calculations. (12'+3')

Speaker

Adrian Sanchez Fernandez

11:30–11:45

Finding Excitation Spectra Using a Quantum Computer (12'+3')**Speaker**

Isaac Hobday

11:45–12:00

Shape coexistence in neutron-deficient 190-Pb (12'+3')**Speaker**

Adrian Montes Plaza

12:00–12:15

Investigation of quadrupole and octupole states in Zr chain using TDHF and QRPA (12'+3')**Speaker**

Abhishek Abhishek

12:15–12:30

Suppressed electric quadrupole collectivity in 32Si (12'+3')**Speaker**

Jacob Heery

12:30

13:30

Parallel Sessions: Wednesday III Session A**Session** | **Location:** The Spine, Space One | **Convener:** Eva Vilella Figueras

13:30–13:45

UKRI-MPW1: Simulations and preliminary Evaluations of an HV-CMOS sensor optimised for high radiation tolerance (12'+3')**Speaker**

Benjamin Wade

13:45–14:00

Pre-clinical Investigations of Spatially Fractionated Radiotherapy (12'+3')**Speaker**

Josie McGarrigle

14:00–14:15

Characterization of Secondary Neutrons in Carbon Ion Beam Therapy Using TOPAS Monte Carlo Simulations (12'+3')**Speaker**

Fajer Alqahtani

14:15–14:30

Design of an Ion-Acoustics Proof-of-Principle Experiment for LhARA (12'+3')**Speaker**

Maria Maxouti

14:30–14:45

A feasibility study using an array of LaBr3(Ce) scintillation detectors as a Compton camera for prompt gamma imaging during BNCT (12'+3')**Speaker**

Kiran Nutter

14:45

13:30

Parallel Sessions: Wednesday III Session B**Session** | **Location:** The Spine, Space Two | **Convener:** Jonathan Butterworth

13:30–13:45

Fiducial differential measurement of the production of the Higgs boson through Vector Boson Fusion in the $\tau^+\tau^-$ channel with the ATLAS Detector (12'+3')**Speaker**

Eva Guillon

13:45–14:00

Differential Cross-Section Measurement of Inclusive $W^\pm (\rightarrow l^\pm \nu) \gamma$ Process in proton-proton collision at $\sqrt{s}=13$ TeV with the ATLAS Detector (12'+3')**Speaker**

Zuchen Huang

14:00–14:15

Studies on Z-gamma Scattering at 13 TeV with ATLAS Detector (12'+3')**Speaker**

Gitanjali Poddar

14:15–14:30

Uncertain systematics in combinations (12'+3')**Speaker**

Enzo Canonero

14:30–14:45

First measurement of high-mass ttll and LFU-inspired EFT interpretations with the ATLAS detector (12'+3')**Speaker**

Gianna Loeschke Centeno

14:45

13:30

Parallel Sessions: Wednesday III Session C**Session** | **Location:** The Spine, Space Four | **Convener:** Rhiannon Susan Jones

13:30–13:45

SoLAR: A novel technology for solar neutrino detection (12'+3')**Speaker**

Guilherme Ruiz Ferreira

13:45–14:00

Towards a $NC\pi^0$ cross section measurement in the Short-Baseline Near Detector. (12'+3')**Speakers**

Henry Lay, Henry Lay

14:00–14:15

First results from a relativistic mean field theory implemented in the NEUT neutrino interaction event generator. (12'+3')**Speaker**

Mr Jake McKean

14:15–14:30

First look at the background of the LEGEND-200 experiment (12'+3')**Speaker**

George Marshall

14:30–14:45 **LEGEND-1000 (12'+3')****Speaker**

Prof. David Waters

14:45–15:00

Sub-GeV particle identification and tagged photon beam for the Water Cherenkov Test Experiment (12'+3')**Speaker**

Alie Adeline Laure Craplet

15:00

13:30

Parallel Sessions: Wednesday III Session D**Session** | **Location:** The Spine, Space Five | **Convener:** Teppei Katori

13:30–13:45

Production and performance of first DarkSide-20k Photo Detector Units (12'+3')**Speaker**

Andrea Marasciulli

13:45–14:00

The QUantum Enhanced Space-Time (QUEST) experiment. (12'+3')**Speaker**

Abhinav Patra

14:00–14:15

Overview of the Technology of MAGIS and AION Atom Interferometry Experiments Towards Ultra-light Dark Matter Searches (12'+3')**Speaker**

Gedminas Elertas

14:15–14:30

Low energy electron recoil searches within LZ and using FlameNEST for future work (12'+3')**Speaker**

Harkirat Riyat

14:30–14:45

Optimisation of fast likelihood functions for dark matter and rare event searches (12'+3')**Speaker**

Joshua Green

15:00

13:30

Parallel Sessions: Wednesday III Session E**Session** | **Location:** The Spine, Space Seven | **Convener:** Joe Price

13:30–13:45

Development of the MAGIS-100 atom interferometer primary imaging system (12'+3')**Speaker**

Daniel Wood

13:45–14:00

Superfluid Helium-3 Calorimetry with Quantum Sensor Readout in the QUEST-DMC experiment (12'+3')

Speaker

Robert Smith

14:00–14:15

Molecular sieve vacuum swing adsorption purification and radon reduction system for gaseous dark matter and rare-event detectors (12'+3')**Speaker**

Robert Renz Marcelo Gregorio

14:15–14:30

Direct search for scalar field dark matter with LIGO (12'+3')**Speaker**

Alexandre Göttel

14:30–14:45

IWAVE a novel adaptive filtering method and its application to short and long duration gravitational wave searches (12'+3')**Speaker**

Ian Hollows

15:00

13:30

Parallel Sessions: Wednesday III Session F**Session** | **Location:** The Spine, Space Eight | **Convener:** David Hutchcroft

13:30–13:45

Search for the very rare $B^+ \rightarrow \pi^+ e^+ e^-$ electroweak penguin decay at LHCb (12'+3')**Speaker**

Richard Morgan Williams

13:45–14:00

Search for the Lepton Flavour Violating Decay $\Lambda_b \rightarrow \Lambda(1520)\mu e$ at the LHCb Detector (12'+3')**Speaker**

Dan Thompson

14:00–14:15

Novel sources and uses of quantum-correlated charm systems (12'+3')**Speaker**

Paras Naik

14:15–14:30

Measurement of the Z Mass at LHCb with 2016 pp collision data (12'+3')**Speaker**

Emir Muhammad

14:30–14:45

CMS Run 3 RK measurement and di-electron triggers (12'+3')**Speaker**

Jay Odedra

14:45–15:00

A Top Friendship: Measurement of $t\bar{t}H$ production in the $H(bb)$ decay channel at ATLAS with Transformer Networks (12'+3')**Speaker**

Levi Evans

15:00

13:30

Parallel Sessions: Wednesday III Session G**Session** | **Location:** The Spine, Space Six | **Convener:** James Keatings**13:30–13:45 The New MARA-LEB Facility and Experimental Prospects (12'+3')****Speaker**

Jorge Romero

13:45–14:00 Lifetime measurements in ^{53}Ca (12'+3')**Speaker**

Sidong Chen

14:00–14:15**High-Spin Gamma-Ray Spectroscopy at the Proton Drip Line: The Study of ^{131}Eu (12'+3')****Speaker**

Conor Sullivan

14:15–14:30**Octupole correlations in neutron deficient plutonium isotopes (12'+3')****Speaker**

Hamid Ayatollahzadeh

14:30–14:45**Electromagnetic moments of ground and excited states calculated in nearly spherical and well-deformed odd nuclei (12'+3')****Speaker**

Jacek Dobaczewski

15:00

13:30

Parallel Sessions: Wednesday III Session H**Session** | **Location:** The Spine, Space Nine | **Convener:** Philippos Papadakis**13:30–13:45****In-source Laser Spectroscopy Studies of Neutron-rich Thallium at IDS/ RILIS-ISOLDE (12'+3')****Speaker**

Zixuan Yue

13:45–14:00 Shape studies in neutron-rich cerium isotopes (12'+3')**Speaker**

Maria-Magdalini Satrazani

14:00–14:15**Decay spectroscopy of isomerically pure $^{178}\text{Au}_{\text{g,m}}$ at the ISOLDE Decay Station, CERN (12'+3')****Speaker**

Christopher Page

14:15–14:30**Onset of deformation in the neutron-rich krypton isotopes with the ISOLDE Solenoidal Spectrometer (12'+3')****Speaker**

Annie Dolan

14:30-14:45

Decays of K isomers in the extremely deformed neutron-deficient $A = 130$ region ($12'+3'$)

Speaker

Andy Briscoe

14:45-15:00

Investigating nucleon-nucleon correlations through QFS reactions ($12'+3'$)

Speaker

Ryo Taniuchi

15:00