Session Program

22–29 Mar 2023

Magnificent CEvNS 2023

Poster advertisment

Wednesday 22 March

16:00

Poster advertisment

Session | **Convener:** Dr Diane Markoff

16:00–16:03

A fast, easily multiplexable, high Z cryogenic scintillator for γ tagging or veto in very low noise experiments

Speaker
Matteo del Gallo Roccagiovine

16:03–16:06

Commissioning the COHERENT ge-mini Detectors

Speakers
James Browning, Ryan Bouabid

16:06–16:09

Multi-Channel processing of solid-state cryogenic detectors for CEvNS precision measurement using the MPS Python library

Speaker
Jules COLAS

16:09–16:12

First demonstration of 30eVee ionization energy resolution with RICOCHET germanium cryogenic bolometers

Speaker
Nicolas MARTINI

16:12–16:15

Solar Neutrino Nucleus Coherent Scattering at Direct Dark Matter Detectors

Speaker
Nityasa Mishra

16:15–16:18

A Ton-Scale LAr CEvNS Detector at ORNL

Speaker
Bo Johnson

16:18–16:21

COHERENT's New Tonne-Scale NaI Detector

Speaker
Adryanna Major

16:21–16:24

Background study in RED-100 experiment

Speaker
Dmitrii Rudik

16:24–16:27

Cryogenic inorganic scintillator for the detection of non-standard neutrino interactions and low-mass dark matter

Speaker
Keyu Ding

16:27–16:30

Muon-Induced Neutron Backgrounds for the COHERENT Germanium CEvNS Experiment

Speaker
Emma van Nieuwenhuizen

16:30–16:33 **Nuclear Data Needs for Low Energy Neutrino Scattering Experiments**

Speaker
James Runge

16:33–16:36

Fission Product Yields and their Impact on the Reactor Antineutrino Anomaly and CEνNS

Speaker
Aitor Bracho

16:36–16:39

Development of low-energy event selection method for the NEON experiment

Speaker
JaeJin Choi

17:00