

Session Program

Mar 22 - 29, 2023

Magnificent CEvNS 2023

Experiments

Wed, March 22

9:20 AM

Experiments: 1

Session | **Convener:** Janina Hakenmüller

9:20 - 9:40 AM

The Neutrino Laboratory at the Spallation Neutron Source

Speaker

Jason Newby

9:45 - 10:05 AM

Recent results from the CONUS experiment

Speaker

Werner Maneschg

10:10 - 10:30 AM

Status of the nuGeN experiment

Speaker

Alexey Lubashevskiy

10:35 - 10:55 AM

Recent results of the RED-100 experiment

Speakers

Dmitrii Rudik, Ольга Разуваева

11:00 AM

2:00 PM

Experiments

Session | **Convener:** Raimund Strauss

2:00 - 2:15 PM

The CONNIE experiment with Skipper CCDs

Speaker

Irina Nasteva

2:20 - 2:35 PM

Preliminary results of a Skipper-CCD inside a nuclear power plant

Speaker

Ms Eliana Depaoli

2:40 - 2:55 PM

Status of Neutrino Elastic-scattering Observation with NaI(Tl) experiment (NEON)

Speaker

Byung Ju Park

3:00 - 3:15 PM

Studies of Coherency Effects in Neutrino-Nucleus Elastic Scattering using PCGe Detectors

Speaker

Dr Vivek Sharma

3:20 - 3:35 PM

The NEWS-G3 Experiment

Speaker

Georgios Savvidis

3:40 PM

Thu, March 23

11:00 AM

Experiments

Session | **Convener:** Victoria Wagner

11:00 - 11:15 AM **Status of the NUCLEUS experiment**

Speaker

Giorgio Del Castello

11:20 - 11:35 AM **MINER Experiment**

11:40 - 11:55 AM **Ricochet Experiment**

Speaker

Julien BILLARD

12:00 - 12:15 PM

Results from a Prototype TES Detector for the Ricochet Experiment

Speaker

Doug Pinckney

12:20 - 12:35 PM

Cosmogenic & reatogenic background estimations of the RICOCHET experiment

Speaker

Guillaume CHEMIN

12:45 PM

2:15 PM

Experiments

Session | **Convener:** Janina Hakenmüller

2:15 - 2:30 PM

BULLKID: Monolithic array of particle absorbers sensed by Kinetic Inductance Detectors

Speaker

Daniele Delicato

2:35 - 2:50 PM **Calibrating CEvNS Detectors**

Speaker

Prof. Phillip Barbeau

2:55 - 3:10 PM

CRAB : Calibration of nuclear recoils at the 100 eV scale in cryogenic detectors using neutron capture

Speaker

Gabrielle Soum-Sidikov

3:15 - 3:30 PM **Low-Energy Excess**

Speaker

Florian Reindl

3:45 PM

Fri, March 24

9:00 AM

Experiments

Session | Convener: Matthew Green

9:00 – 9:15 AM **The CONUS+ experiment**

Speaker

Edgar Sanchez

9:20 – 9:35 AM

Potential to discover new physics with CEvNS detectors at the Second Target Station of the Spallation Neutron Source

Speaker

Daniel Pershey

9:40 – 9:55 AM

MeV-scale BSM Physics at Stopped-Pion Facilities

Speaker

Adrian Thompson

10:00 – 10:15 AM

Reactorogenic neutrino detection using liquid neon

Speaker

Andrew Erlandson

10:40 AM

11:10 AM

Experiments

Session | Convener: Victoria Wagner

11:10 – 11:25 AM

CEvNS with the nuBDX-DRIFT detector

Speaker

Diego Aristizabal

11:30 – 11:45 AM

CYGNUS: Rare event searches with directional TPCs

Speaker

Francesco Renga

11:50 AM – 12:05 PM

Feasibility of solar neutrino measurement with the CYGNO/INITIUM experiment.

Speaker

Mr Samuele Torelli

12:30 PM

3:30 PM

Experiments: Summary

Session | Convener: Kate Scholberg

3:30 – 4:00 PM

Experimental Summary

Speaker

Prof. Enectali Figueroa-Feliciano

4:00 PM