

Session Program

22-29 Mar 2023

Magnificent CEvNS 2023

Experiments

Wednesday 22 March

09:20

Experiments: 1

Session | **Convener:** Janina Hakenmüller

09:20–09:40

The Neutrino Laboratory at the Spallation Neutron Source

Speaker

Jason Newby

09:45–10:05

Recent results from the CONUS experiment

Speaker

Werner Maneschg

10:10–10:30

Status of the nuGeN experiment

Speaker

Alexey Lubashevskiy

10:35–10:55

Recent results of the RED-100 experiment

Speakers

Dmitrii Rudik, Ольга Разуваева

11:00

14:00

Experiments

Session | **Convener:** Raimund Strauss

14:00–14:15

The CONNIE experiment with Skipper CCDs

Speaker

Irina Nasteva

14:20–14:35

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

Speaker

Ms Eliana Depaoli

14:40–14:55

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

Speaker

Byung Ju Park

15:00–15:15

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

Speaker

Dr Vivek Sharma

15:20–15:35

The NEWS-G3 Experiment

Speaker

Georgios Savvidis

15:40

Thursday 23 March

11:00

Experiments

Session | **Convener:** Victoria Wagner

11:00–11:15 **Status of the NUCLEUS experiment**

Speaker

Giorgio Del Castello

11:20–11:35 **MINER Experiment**

11:40–11:55 **Ricochet Experiment**

Speaker

Julien BILLARD

12:00–12:15 **Results from a Prototype TES Detector for the Ricochet Experiment**

Speaker

Doug Pinckney

12:20–12:35

Cosmogenic & reactogenic background estimations of the RICOCHET experiment

Speaker

Guillaume CHEMIN

12:45

14:15

Experiments

Session | **Convener:** Janina Hakenmüller

14:15–14:30

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

Speaker

Daniele Delicato

14:35–14:50 **Calibrating CEvNS Detectors**

Speaker

Prof. Phillip Barbeau

14:55–15:10

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

Speaker

Gabrielle Soum-Sidikov

15:15–15:30 **Low-Energy Excess**

Speaker

Florian Reindl

15:45

Friday 24 March

09:00

Experiments

Session | **Convener:** Matthew Green

09:00–09:15 **The CONUS+ experiment**

Speaker

Edgar Sanchez

09:20–09:35

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

Speaker

Daniel Pershey

09:40–09:55

MeV-scale BSM Physics at Stopped-Pion Facilities

Speaker

Adrian Thompson

10:00–10:15

Reactorogenic neutrino detection using liquid neon

Speaker

Andrew Erlandson

10:40

11:10

Experiments

Session | **Convener:** Victoria Wagner

11:10–11:25

CEvNS with the nuBDX-DRIFT detector

Speaker

Diego Aristizabal

11:30–11:45

CYGNUS: Rare event searches with directional TPCs

Speaker

Francesco Renga

11:50–12:05

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

Speaker

Mr Samuele Torelli

12:30

15:30

Experiments: Summary

Session | **Convener:** Kate Scholberg

15:30–16:00

Experimental Summary

Speaker

Prof. Enectali Figueroa-Feliciano

16:00