



# Magnificent CEvNS 2024

## Wednesday, June 12, 2024

### Talks (11:30 AM - 1:10 PM)

-Conveners: Irina Nasteva

time	[id] title	presenter
11:30 AM	[42] The current status of the COHERENT experiment	PARNO, Diana
11:50 AM	[40] First Measurement of CEvNS on Germanium by COHERENT	BOUABID, Ryan
12:10 PM	[43] Latest results from CONUS	HAKENMÜLLER, Janina
12:30 PM	[27] Status of the NUCLEUS experiment	BOSSIO, Elisabetta
12:50 PM	[47] MINER Reactor Neutrino Experiment for CENNS and ALP Searches	MAHAPATRA, Rupak

# Thursday, June 13, 2024

## Talks (9:00 AM - 10:40 AM)

-Conveners: Diana Parno

time	[id] title	presenter
9:00 AM	[31] Status of the CONUS+ experiment	NI, Kaixiang
9:20 AM	[52] Measuring coherent elastic neutrino-nucleus scattering in argon with a scintillating bubble chamber	VAZQUEZ-JAUREGUI, Eric
9:40 AM	[8] Research on Coherent Neutrino Nucleus Elastic Scattering in the TEXONO Program	Prof. WONG, Henry
10:00 AM	[48] Current status of the Ricochet experiment	MARTINI, Nicolas
10:20 AM	[49] Current Status of the CONNIE Experiment using Skipper-CCDs	NASTEVA, Irina

## Talks (5:00 PM - 6:00 PM)

-Conveners: Jason Newby

time	[id] title	presenter
5:00 PM	[18] Exploring the Migdal Effect in CEvNS searches at low energies	ATZORI CORONA, Mattia
5:15 PM	[45] Characterization and Optimization of Cryogenic Pure CsI Detector for CLOVERS Experiment	SU, Chenguang
5:30 PM	[12] Ultra-high light yield scintillation crystal detector based on low-temperature CsI and SiPMs for CEvNS detection	SU, Chenguang
5:45 PM	[35] Q-Array: R&D towards superconducting targets for Cevns detection with Ricochet	Dr VAN DE PONTSEELE, Wouter

# Friday, June 14, 2024

## Talks (11:45 AM - 1:00 PM)

-Conveners: Eric Vazquez-Jauregui

time	[id] title	presenter
11:45 AM	[53] Quenching factors and new physics searches	HUBER, Patrick
12:00 PM	[21] Neutrino flux normalization to enable precise CEvNS analysis	BERNARDI, Igor
12:15 PM	[26] Estimation of (particle) backgrounds at sub-keV energies for the NUCLEUS CEvNS experiment	GOUPY, Chloé
12:30 PM	[20] Plans and Preparation Status of the Sanmen Reactor Neutrino Laboratory	Dr YANG, Litao
12:45 PM	[30] The First Search for Neutrino-Induced Nuclear Fission	JOHNSON, Tyler