

Session Program

12-14 Jun 2024

Magnificent CEvNS 2024

Talks

ADEIT Salón de actos
Plaza Virgen de la Paz, 3. 46001 Valencia

Wednesday 12 June

11:30

Talks

Session | **Location:** ADEIT Salón de actos, Plaza Virgen de la Paz, 3. 46001 Valencia | **Convener:** Irina Nasteva

11:30–11:50 **The current status of the COHERENT experiment**

Speaker

Diana Parno

11:50–12:10 **First Measurement of CEvNS on Germanium by COHERENT**

Speaker

Ryan Bouabid

12:10–12:30 **Latest results from CONUS**

Speaker

Janina Hakenmüller

12:30–12:50 **Status of the NUCLEUS experiment**

Speaker

Elisabetta Bossio

12:50–13:10 **MINER Reactor Neutrino Experiment for CENNS and ALP Searches**

Speaker

Rupak Mahapatra

13:10

Thursday 13 June

09:00

Talks

Session | **Location:** ADEIT Salón de actos, Plaza Virgen de la Paz, 3. 46001 Valencia | **Convener:** Diana Parno

09:00–09:20 **Status of the CONUS+ experiment**

Speaker

Kaixiang Ni

09:20–09:40

Measuring coherent elastic neutrino-nucleus scattering in argon with a scintillating bubble chamber

Speaker

Eric Vazquez-Jauregui

09:40–10:00

Research on Coherent Neutrino Nucleus Elastic Scattering in the TEXONO Program

Speaker

Prof. Henry Wong

10:00–10:20 **Current status of the Ricochet experiment**

Speaker

Nicolas MARTINI

10:20–10:40 **Current Status of the CONNIE Experiment using Skipper-CCDs**

Speaker

Irina Nasteva

10:40

17:00

Talks

Session | **Location:** ADEIT Salón de actos, Plaza Virgen de la Paz, 3. 46001 Valencia | **Convener:** Jason Newby

17:00–17:15 **Exploring the Migdal Effect in CEvNS searches at low energies**

Speaker

Mattia Atzori Corona

17:15–17:30

Characterization and Optimization of Cryogenic Pure CsI Detector for CLOVERS Experiment

Speaker

Chenguang Su

17:30–17:45

Ultra-high light yield scintillation crystal detector based on low-temperature CsI and SiPMs for CEvNS detection

Speaker

Chenguang Su

17:45–18:00

Q-Array: R&D towards superconducting targets for Cevns detection with Ricochet

18:00

Speaker

Dr Wouter Van De Pontseele

Friday 14 June

11:45

Talks

Session | **Location:** ADEIT Salón de actos, Plaza Virgen de la Paz, 3. 46001 Valencia | **Convener:** Eric Vazquez-Jauregui

11:45-12:00

Quenching factors and new physics searches

Speaker

Patrick Huber

12:00-12:15

Neutrino flux normalization to enable precise CEvNS analysis

Speaker

Igor Bernardi

12:15-12:30

Estimation of (particle) backgrounds at sub-keV energies for the NUCLEUS CEvNS experiment

Speaker

Chloé Goupy

12:30-12:45

Plans and Preparation Status of the Sanmen Reactor Neutrino Laboratory

Speaker

Dr Litao Yang

12:45-13:00

The First Search for Neutrino-Induced Nuclear Fission

Speaker

Tyler Johnson

13:00