

## **Session Program**

**16-20 Nov 2020**



## **Magnificent CEvNS 2020**

### ***Session***

Cyberspace  
login for connection details

## Tuesday 17 November

11:40

### Session: CEvNS Cross Sections

**Session** | **Location:** Cyberspace, login for connection details

11:40–12:00

#### Coherent elastic and inelastic neutrino-nucleus scattering within many-body nuclear theory approach

**Speaker**

Vishvas Pandey

12:00–12:20

#### Coherent elastic neutrino-nucleus scattering: EFT analysis and nuclear responses

**Speaker**

Martin Hoferichter

12:20–12:40

#### Flavor dependence and radiative corrections in CEvNS

**Speaker**

Oleksandr Tomalak

12:40–13:00

#### Future applications of precision CEvNS cross sections

**Speaker**

Ryan Plestid

13:00

## Wednesday 18 November

08:00

### Session: Reactor Experiments 2

**Session** | **Location:** Cyberspace, login for connection details

08:00–08:20

#### Status of the RED-100 experiment

**Speaker**

Dmitry Rudik

08:20–08:40

#### Research on Coherent Neutrino Nucleus Elastic Scattering with the TEXONO Program

**Speaker**

Henry Wong

08:40–09:00

#### NEON

**Speaker**

Hyun Su Lee

09:00

10:50

### Session: Calibration Techniques

**Session** | **Location:** Cyberspace, login for connection details

10:50–11:10

#### Design of keV-scale neutron sources using Fe and Sc

**Speaker**

Pratyush Patel

11:10–11:30

#### The CRAB project: Calibration at the 100 eV scale using neutron capture-induced nuclear recoils

**Speaker**

david Ihuillier

11:30–11:50

#### Study of the ionization efficiency for nuclear recoils in pure crystals

**Speaker**

Youssef Sarkis Mobarak

11:50

# Thursday 19 November

11:10

## Session: New Experimental Ideas 2

**Session** | **Location:** Cyberspace, login for connection details

11:10–11:30

### Status of the CYGNUS Directional Recoil Observatory Project

**Speaker**

Sven Vahsen

11:30–11:50

### Directional CEvNS Measurement at Fermilab

**Speaker**

Daniel Snowden-Ifft

11:50–12:10

### Searches for new physics with a stopped-pion source at the Fermilab accelerator complex

**Speaker**

Jacob Zettemoyer

12:10–12:30

### Skipper CCD for the detection of nuclear-reactor neutrinos

**Speaker**

Guillermo Fernandez Moroni

12:50