

# THE MAGNIFICENT CEVNS

A WORKSHOP EXPLORING  
COHERENT ELASTIC NEUTRINO-NUCLEUS SCATTERING  
NOVEMBER 2-3, 2018  
PHYSICS RESEARCH CENTER  
UNIVERSITY OF CHICAGO  
CHICAGO, IL USA

<http://kicp-workshops.uchicago.edu/2018-CEvNS/>

## LIST OF PARTICIPANTS



<http://kicp.uchicago.edu/>



<http://efi.chicago.edu/>



<http://www.kavlifoundation.org/>



<http://www.uchicago.edu/>

With the observation of coherent elastic neutrino-nucleus scattering (CEvNS, pronounced "sevens") now realized, there is a groundswell of efforts in and around the process. This workshop will bring together theorists, phenomenologists, and experimentalists from the CEvNS community with the goal of exploring upcoming experiments, the complementarity between them, and the broad range of physics questions that CEvNS can address. The current landscape of ongoing or potential CEvNS experiments will be surveyed, and discussion will be fostered about the physics topics that can be most powerfully or uniquely addressed by this process. By bringing together theory and experiment workers at this exciting moment, we hope to enrich the exchanges within the CEvNS community, with the goal of defining and guiding future common efforts that maximize the physics impact of this process.

The workshop will be co-hosted by the Enrico Fermi Institute (EFI) and the Kavli Institute for Cosmological Physics (KICP), and will take place on the University of Chicago campus at the newly renovated Physics Research Center (PRC), home of the EFI.

## **Organizing Committee**

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