

International Workshop on Searches for a Neutron Electric Dipole Moment

14–19 February 2021, École de Physique des Houches, France

This will be the 4th installment in a series of technical workshops, aiming to foster cooperation in confronting the challenges of the worldwide search for an EDM of the free neutron. Invited and contributed presentations will survey key topics and progress in the various worldwide efforts, and address technical challenges and new concepts in depth.

SCIENTIFIC SCOPE:

- Experimental techniques
- Sources of ultracold neutrons
- Transport, storage, and handling of ultracold neutrons
- Magnetic field sensing
- Magnetic field control
- High voltage, and electric field control
- Simulation tools
- Systematic effects
- Theoretical background
- Other related EDM searches

CONFIRMED INVITED SPEAKERS:

- Laura Covi
- Adam Falkowski
- Dieter Ries

REGISTRATION and ABSTRACT SUBMISSION:

deadline: November 30th, 2020

fees payable in January, 2021

<https://lpsc-indico.in2p3.fr/event/2584/nedm2021@.ill.eu>

Remote participation will be fully supported, and presentations will be viewable online at no cost.

Travel support is available for students (please contact the organizers).

Local Organizing Committee

S. Degenkolb, G. Pignol, and S. Roccia

International Advisory Committee

B. Filippone, T. Lefort, C.-Y. Liu, and R. Picker