Session Program

Feb 14 – 19, 2021

nEDM2021

UCN Source and UCN transport

Les Houches School of Physics, FRANCE - 74 310 LES HOUCHES

Wed, February 17

2:00 PM

UCN Source and UCN transport: UCN Source and UCN transport

Session | **Location:** Les Houches School of Physics, FRANCE - 74 310 LES HOUCHES | **Convener:** Bernhard Lauss

2:00 – 2:20 PM **Overview of the new UCN facility at TRIUMF**

Speaker
Florian Kuchler

2:20 – 2:40 PM **Time-dependent thermal modeling for the TUCAN source**

Speaker
Jeffery Martin

2:40 – 3:00 PM

Optimizing the performance of a spallation-driven ultracold-neutron source with deuterium and superfluid-helium moderators

Speaker
Wolfgang Schreyer

3:00 – 3:20 PM **Nickel-Phosphorus Coating Challenges of the TUCAN UCN source**

Speaker
Russell Mammei

3:20 – 3:40 PM

Development of a Helium-3 Cryostat for the TRIUMF Ultra-Cold Advanced Neutron Source

Speaker
Shinsuke Kawasaki

3:40 – 4:00 PM

Performance measurement of ultracold neutron guides at J-PARC for a neutron EDM experiment in TRIUMF

Speaker
Sohei Imajo

4:00 PM

4:30 PM

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Session | **Location:** Les Houches School of Physics, FRANCE - 74 310 LES HOUCHES | **Convener:** Oliver Zimmer

4:30 – 4:50 PM

Ultra cold neutron transport for the Neutron Electric Dipole Moment Search at Los Alamos National Laboratory

Speaker
Douglas Wong

4:50 – 5:10 PM

Measurement of Neutron Polarization and Transmission for the nEDM@SNS Experiment.

Speaker
Kavish Imam

5:10 – 5:30 PM **PSI UCN source**

Speaker
Ingo Rienäcker

5:30 PM