

14th Conference on the Intersections of Particle and Nuclear Physics (CIPANP 2022)

Wednesday, August 31, 2022

EW: Tests of Symmetries and the Electroweak Interaction: neutron EDM - Poinsettia/Quince (1:00 PM - 3:00 PM)

-Conveners: Stéphanie Roccia; Nadia Fomin

time	[id] title	presenter
1:00 PM	[M24] Electric Dipole Moments from Lattice QCD	SHINDLER, Andrea
1:30 PM	[M19] A Cryogenic Search for the Neutron Electric Dipole Moment at the Spallation Neutron Source	ALEKSANDROVA, Alina
1:50 PM	[M2] The Los Alamos Neutron EDM Experiment	TEWSLEY-BOOTH, Alec
2:10 PM	[M107] The TRIUMF UltraCold Advanced Neutron source and EDM experiment	SCHREYER, Wolfgang MAMMEI, Russell

EW: Tests of Symmetries and the Electroweak Interaction: Tests of T reversal - Poinsettia/Quince (3:30 PM - 5:30 PM)

-Conveners: Stéphanie Roccia; Nadia Fomin

time	[id] title	presenter
3:30 PM	[M5] The Search for Permanent Electric Dipole Moments Using Pear-Shaped Nuclei in the FRIB Era	SINGH, Jaideep
4:00 PM	[M45] Beam EDM – A pulsed-beam experiment to search for the neutron electric dipole moment	PIEGSA, Florian
4:30 PM	[M178] The Search for Electric Dipole Moment (EDM) of ^{199}Hg and its Application for the LANL Neutron EDM experiment	CHEN, Jennie (Yi)
5:00 PM	[M164] NOPTREX: Searching for Signals of Time-Reversal Violation in Polarized Neutron-Nuclear Resonance Spectroscopy	SCHAPER, Danielle

Thursday, September 1, 2022

EW: Tests of Symmetries and the Electroweak Interaction: Beta decay - Narcissus/Orange (1:00 PM - 3:00 PM)

-Conveners: Stéphanie Roccia; Nadia Fomin

time	[id] title	presenter
1:05 PM	[M139] Large deviations to neutron beta decay radiative corrections	HAYEN, Leendert
1:35 PM	[M112] Ultra-Cold Neutron measurement of Proton branching ratio in neutron Beta decay (UCNProBe)	TANG, Zhaowen
2:00 PM	[M16] Searching for Chirality Flipping Interactions via Microwaves	HARRINGTON, Heather
2:25 PM	[M3] Status update on the PEN experiment	GLASER, Charles

EW: Tests of Symmetries and the Electroweak Interaction: neutron Beta decay - Camelia/Dogwood (3:30 PM - 5:30 PM)

-Conveners: Stéphanie Roccia; Nadia Fomin

time	[id] title	presenter
3:30 PM	[M10] Measuring the Neutron Beta-Neutrino Correlation with the aCORN Experiment	WIETFELDT, Fred
3:50 PM	[M112] The Nab experiment at Oak Ridge National Lab and Si detector testing results with the 30 keV proton accelerator at the University of Manitoba	MAMMEI, Russell
4:10 PM	[M157] Decay correlation measurements with PERKEO III and PERC	MÄRKISCH, Bastian
4:30 PM	[M163] Results from the aSPECT experiment	BAESSLER, Stefan
4:50 PM	[M150] Searches for n-n' oscillation: Constraining the direction of a mirror magnetic field bound to the reference frame of the Earth	MOHANMURTHY, Prajwal
5:10 PM	[M173] Experimental Searches for $n \rightarrow n'$ Oscillations at the Spallation Neutron Source	GONZALEZ, Francisco