

nEDM 2017



Sunday, 15 October 2017 - Friday, 20 October 2017

Harrison Hot Springs

Scientific Programme

Experimental techniques (cryogenic, room temperature, crystal)

Sources of ultra cold neutrons

Transport and manipulation of ultra cold neutrons (materials, valves, polarization, spin transport, neutron detection)

Magnetic field sensors (atomic co-magnetometry, AQUIDS, fluxgate)

Magnetic field control (passive and active shielding, coil design, current sources)

High voltage and electric field control (generation, leakage currents,...)

Simulation tools (Monte Carlo, finite elements, ...)

Systematic effects

Theory background

Other EDM searches (only overview talks)

EDM experiment overviews