Contribution ID: **191** Type: **Parallel**

Worldwide Search for a Neutron EDM

Tuesday, 29 May 2018 16:30 (20 minutes)

Existing limits on the electric dipole moment (EDM) of the free neutron have provided critical constraints on new sources of CP violation for more than 60 years. A new round of searches are actively underway with the goal of improving the sensitivity to CP violation by up to two orders of magnitude. The status of these new searches will be discussed, including recent progress on the nEDM experiment to be carried out at the Fundamental Neutron Physics Beamline at the Oak Ridge National Laboratory's Spallation Neutron Source.

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Funding source

NSF 1506459

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Session Classification: Tests of Symmetries and the Electroweak Interaction

Track Classification: TSEI