

The electric dipole moment of the neutron as a probe of new physics

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I will discuss the calculation of the electric dipole moment of the neutron in the standard model, identifying contributions which have not been discussed yet. Depending on the size of the unknown hadronic matrix elements these contributions could significantly enlarge the electric dipole moment compared to the previous estimates. The impact on the search for effects beyond the standard model is discussed.

Author: MANNEL, Thomas (Siegen University)

Presenter: MANNEL, Thomas (Siegen University)

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