

Searching beyond the Standard Model with n2EDM

The next-generation neutron electron dipole moment (EDM) measurement is currently ongoing at the Paul Scherrer Institute (PSI): the n2EDM experiment. n2EDM will deliver, at minimum, an order of magnitude better sensitivity as compared to current limits on the neutron EDM. This increased sensitivity on the neutron EDM will provide stringent constraints on time-reversal violating processes and deeply probe physics beyond the Standard Model (BSM).

This poster will highlight the recent achievements and successes during commissioning and will outline how we will reach an nEDM sensitivity of 10^{-27} e.cm.

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