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Search for the electric dipole moment of the neutron with the n2EDM experiment

This is the contribution of the nEDM collaboration for the European Strategy for Particle Physics - 2026. We point out the high relevance of the search for a permanent neutron electric dipole moment (nEDM). We sketch the theoretical challenges and worldwide experimental efforts, with the nEDM collaboration currently commissioning the n2EDM apparatus at the ultracold neutron source of the Paul Scherrer Institute as the most advanced effort in the field.

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