

Present Status And Future Prospects Of nEDM Experiment Of PNPI-ILL-PTI Collaboration

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New result of nEDM experiment $(0.56 \pm 3.04) \cdot 10^{-26}$ e·cm or $|d_n| < 5.5 \cdot 10^{-26}$ e·cm at 90% C.L. will be presented. The future plan is to increase sensitivity in a few times at ILL reactor with turbine source. The long-term plan to increase sensitivity in more order of magnitude with new UCN source at WWR-M reactor will be discussed also.