

## **Present status and future prospects of nEDM experiment (PNPI-ILL-PTI)**

*Monday, 9 September 2013 17:30 (20 minutes)*

Results of the current measurements of neutron EDM in ILL will be presented. Prospects of increase in sensitivity of experiment due to UCN density increasing and the new scheme of UCN traps of EDM spectrometer will be discussed. The second part of the report will be devoted to preparation of UCN source with superfluid helium in PNPI.

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**Session Classification:** Mo - 4

**Track Classification:** Searches for permanent electric dipole moments