

Development of a large liquid Argon detector for study of CEvNS

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After Coherent elastic neutrino-nucleus scattering (CEvNS) was discovered with CsI detector the main task of the COHERENT Collaboration is the detailed study of this process characteristics using different target nuclei. A prototype liquid Argon detector is working at the SNS now. In this talk development of a large liquid Argon detector will be described. Another important task of a large detector is detection of a charged current neutrino interaction.

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