Physics of fundamental Symmetries and Interactions - PSI2019



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The search for a neutron edm at ORNL using dilute solution of He3 as a co-magentometer

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We outline the principles of the method for searching for a neutron edm using super-thermal production of UCN in He4, a dilute solution of He3 as a co-magneotmeter and critical spin dressing and report on recent progress in designing and constructing the various sub-systems of the experiment.

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