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Developments for the next generation neutron EDM search at TRIUMF

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We aim to search for the neutron EDM down to $1e-27e^*cm$ by using ultracold neutrons at TRIUMF. In order to achieve this goal, systematic errors of the neutron EDM measurement must be drastically reduced as well as the statistical error. With this objective, we are developing a next generation EDM measurement system. This talk will describe the current status and the future plans for the neutron EDM search at TRIUMF.

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