



SPEAKER: Gerald Gabrielse

TITLE: **Twelve Times More Sensitive Measurement of the Electron EDM: a Stringent Test of the Standard Model with a Tabletop Experiment**

DATE: 21 Jan 2019, 11:00

PLACE: 222-R-001

ABSTRACT

Tabletop measurements can probe for physics beyond the standard model with great sensitivity. Our new ACME measurement of the electron magnetic moment will be reported. It is 12 times more sensitive our previous measurement, which was 12 times more sensitive than measurements that preceded our experiments.