

Abstract Submitted  
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**Uncertainty estimates for muon capture on the deuteron**<sup>1</sup> JOSE BONILLA, University of Tennessee, Knoxville, BIJAYA ACHARYA, Johannes Gutenberg University of Mainz, LUCAS PLATTER, University of Tennessee, Knoxville — Muon capture on the deuteron is a two-body electroweak process that can provide information on the properties of the electroweak current in nuclear effective field theory but also the three-body force in the nuclear Hamiltonian. I will discuss recent progress on the calculation of the rate for this process and corresponding uncertainty estimates.

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