

Abstract Submitted  
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**Precision spectroscopy in neutral beryllium-9**<sup>1</sup> ERYN COOK,  
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Smith College — Four-electron systems are the current testing ground for many advanced theoretical models and also tests of quantum electrodynamics. In this talk, we will present our current progress on updated experimental measurements for a variety of energy levels in neutral beryllium-9, compare them to current theoretical predictions, and motivate future theoretical calculations to compare to these experimental results.

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