## Abstract Submitted for the MAR15 Meeting of The American Physical Society

Spin fluctuations in the Kondo Semimetal CeRu4Sn6<sup>1</sup> WESLEY FUHRMAN, IQM, Johns Hopkins University, J. HAENEL, A. PROKOFIEV, S. PASCHEN, Vienna University of Technology, D.T. ADROJA, ISIS, J.A. RODRIGUEZ, NIST, C.L. BROHOLM, IQM, NIST, Johns Hopkins University — We present neutron scattering results for CeRu4Sn6. Tentatively classified as one of the few non-cubic Kondo insulators, CeRu4Sn6 has highly anisotropic physical properties. Using cold neutron inelastic neutron scattering, we have identified a magnetic signal for  $\hbar\omega < 1$  meV with a 4f like form factor and Q-dependence that is indicative of anisotropic antiferromagnetic spin correlations. The implications for the classification and understanding of CeRu4Sn6 are discussed.

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