

Abstract Submitted
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Onset of ferromagnetism in EuB_6 NICHOLAS BUTCH, NIST - Natl Inst of Stds & Tech, I-LIN LIU, XIAOHANG ZHANG, University of Maryland, College Park, KATHRYN KRYCKA, JEFFREY LYNN, DANIEL PARSHALL, WILLIAM RATCLIFF, YANG ZHAO, NIST - Natl Inst of Stds & Tech, PRISCILLA ROSA, ZACHARY FISK, UC Irvine — We assess the magnetic experimental signatures of precursor magnetic polarons and characterize the ferromagnetic ordering transition in EuB_6 . The results of bulk magnetometry and neutron scattering measurements will be discussed.

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