

Abstract Submitted  
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**Thermal Expansion of ScF<sub>3</sub>.** R. BHANDIA, Occidental College, A. GROCKOWIAK, T. SIEGRIST, T. BESARA, S.W. TOZER, National High Magnetic Field Laboratory, G.M. SCHMIEDESHOFF, Occidental College — ScF<sub>3</sub> is an insulator, has a cubic crystal structure, and exhibits negative thermal expansion over a very wide temperature range. We will present and discuss thermal expansion measurements made with capacitive and fiber-Bragg-grating dilatometers. Work at Occidental College is supported by the National Science Foundation under DMR-1408598. A portion of this work was funded by the US Department of Energy NNSA SSAA DE-NA0001979, and performed at the National High Magnetic Field Laboratory, which is supported by National Science Foundation Cooperative Agreement No. DMR-1157490 and the State of Florida.

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