

**ANGLE-RESOLVED DE HAAS-VAN ALPHEN STUDY OF SrRuO<sub>3</sub>**

C.S. Alexander, S. McCall, Z.X Zhou, P. Schlottmann, J.E. Crow (FSU, Physics/NHMFL); G. Cao (University of Kentucky)

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The results of angle resolved de Haas – van Alphen oscillations in SrRuO<sub>3</sub> single crystals are reported. At least six fundamental frequencies of oscillation are detected between 100 and 11,000 T. The effective mass of the charge carriers is measured for each orbit and ranges from 4.1 to 6.9 m<sub>e</sub>. The mean free path length of the charge carriers is between 640 and 5500 Å or roughly 100 to 1000 times the unit cell dimensions. The measured frequencies are compared to the Fermi surface calculated by Santi and Jarlborg.