

Author: P. Holdsworth

**Title: The Wien effect and recent monopole experiments in spin ice**

The recent discovery of monopole quasi particles in spin ice [1] has lead to a concerted search for an experimental signature of monopoles in spin ice materials [2,3,4]. In particular, experiments based on Onsager's Wien effect lead to a quantitative estimate of the magnetic charge on a monopole in close agreement with theoretical estimates [5,6].

In this talk I will discuss the Wien effect and review these experiments.

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[5]S. T. Bramwell, S. R. Giblin, S. Calder, R. Aldus, D. Prabhakaran, T. Fennell, Nature, 461, 956, (2009).

[6]S.R. Giblin, S.T. Bramwell, P.C.W. Holdsworth, D. Prabhakaran, I. Terry, unpublished