



The Quest for Spin Cascade Logic Circuits

Can we design, build and operate nanometer-scale logic circuits that perform conventional binary computation using only the spin degree of freedom? I will review progress towards this goal, highlighting the development of spin excitation spectroscopy to measure g -values, exchange energies, anisotropy energies and spin configurations of assemblies of magnetic atoms on surfaces.

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March 18, 2008 (Tuesday) at 3:30pm (Refreshments at 3:15pm)

SCI 107, Metcalf Science Center, Boston University

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