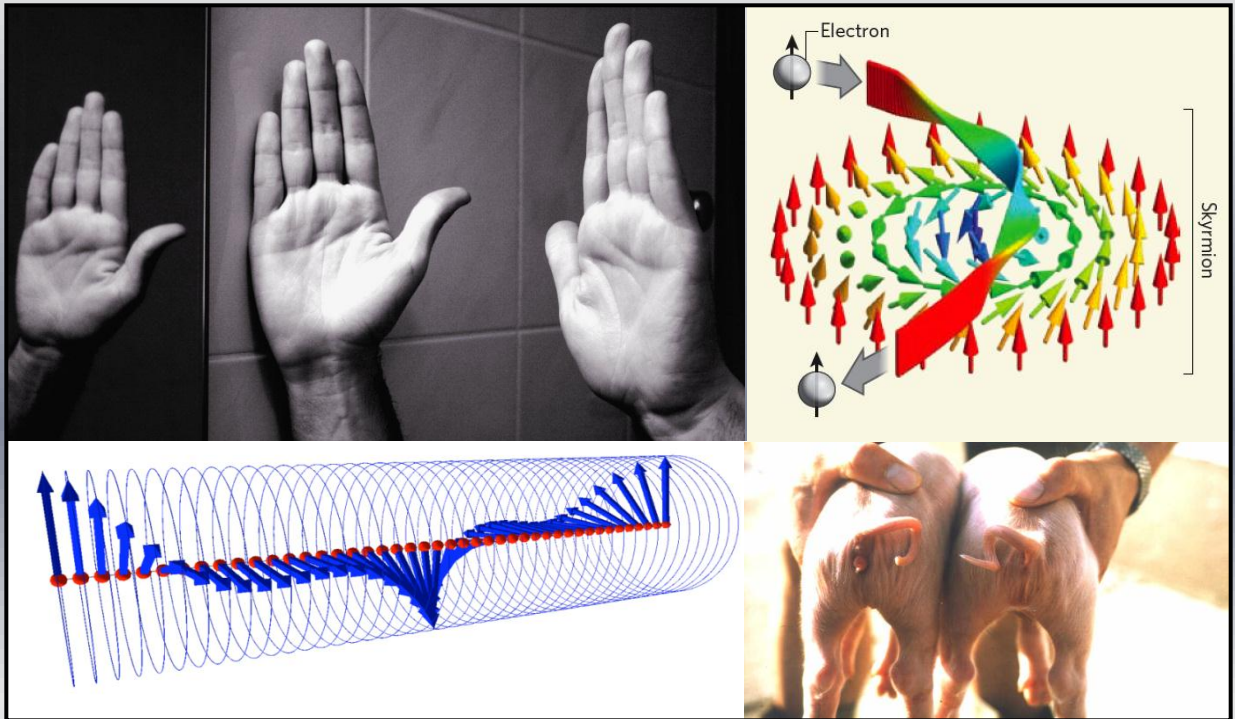




COLLOQUIUM



Why (Magnetic) Chirality Matters

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Abstract

Chirality is a symmetry property first introduced by Lord Kelvin in 1884. “Kheir” is the Greek word for hand, and in simple terms, a chiral object exist in two versions, a left- and right-handed one, that are somehow similar, but still distinctly different, just like our hands. It turns out that chirality is a property that is crucial in various fields ranging from biology to physics. In this colloquium, we will discuss one example, namely spiral forms of magnetic order that have been shown to be relevant for multiferroic compounds and spintronics. Notably, we will demonstrate that neutron scattering is a powerful tool to study magnetic chirality. Refreshments will be served at 3pm.

3-4 p.m., Friday, April 20th
McLane Hall 162
All welcome!