

Friday, September 22, 2017

4:10 – 5:00 PM

Barnard Hall/EPS 108

Using the Electron Spin

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<http://www.physics.montana.edu/people/faculty/idzerda-yves.html>

<http://www.physics.montana.edu/magnetism/research/index.html>

Abstract:

Magnetics (the use of the electron spin) has been of technological utility for far longer than electronics (the use of the electron charge). After an introduction of some basic concepts, this talk will explore the history and future of magnetic systems with a focus on applications including spintronics, topological magnetism, and skyrmionics.

Host: Rufus Cone

** Refreshments served in the Barnard Hallway opposite Barnard 108 at 3:45 **