

Massachusetts Institute of Technology
Department of Physics

Condensed Matter Theory Journal Club

"Recent experiments on NaYbSe₂: spin liquid physics and Mott transitions"

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Abstract: In this journal club, we'll be discussing a few recent experiments on the spin liquid candidate material NaYbSe₂. These experiments seem to indicate a quantum spin liquid ground state with a spinon Fermi surface as well as connections to metallic and superconducting phases upon applying pressure, giving a rather cuprate-esque picture for the phase diagram.

References:

<https://arxiv.org/abs/2003.11479>

<https://arxiv.org/abs/2003.09859>

<https://arxiv.org/abs/2004.06867>

12:00pm noon
Tuesday, April 28, 2020
Virtual Zoom seminar