

Condensed Matter Theory Center Seminar



Tuesday, May 17
11:00 am – 12:30 pm
2205 Toll Physics Building

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“Searching for topological phases in transition metal oxide thin films and heterostructures”

Abstract: Recent years have seen intensive experimental and theoretical research activity on topological phases. In spite of this effort, there are relatively few classes of material systems that have been experimentally verified to support topological phases, and most of these do not require electron interactions to underpin the topological properties. In this talk, I will describe some of our theoretical efforts aimed at expanding the known classes of topological materials to include transition metal oxides, which typically have non-negligible electron interactions.

Host: Mehdi Kargarian

Web: <http://www.physics.umd.edu/cmtc/seminars.html>

