



Department of Physics and Astronomy
SPRING 2024 Colloquium Series

“Quantum Materials and Adventures in Momentum Space”

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Quantum materials are unified by the theme of emergence, whereby the properties of a many-electron system differ from a single-particle description. They often exhibit surprising electronic behavior that is readily revealed by angle-resolved photoemission spectroscopy (ARPES) and related photoemission techniques. In this talk, I will introduce research in condensed matter physics and quantum materials more broadly. Then I will discuss our recent results on correlated and topological quantum materials which exemplify how novel materials platforms conspire with this powerful experimental technology to elucidate both new and long-standing problems in this field.

Thursday, February 22, 2024

4:00 - 5:20PM

MND1015

Open & Free to all students, faculty and public