SEMINAR NOTICE

Department of Physics and Engineering Physics University of Saskatchewan & QuanTA: Centre for Quantum Topology and Its Applications

PLACE:	Physics 103
TIME:	3:30-4:30 p.m.
DATE:	Tuesday February 13th, 2024
TOPIC:	Something old, something new, something borrowed and something quantized.
SPEAKER:	Christopher Mahadeo, University of Illinois at Chicago

Abstract:

Recent work by the quanTA center has pioneered the idea of hyperbolic band theory, the mathematical formulation of a new class of quantum materials. In this talk I will discuss how new approaches to classical band theory led to this development, and how techniques borrowed from random matrix theory have the potential to produce fascinating results.