



University
of Victoria

PHYSICS AND ASTRONOMY COLLOQUIUM (In Person & Online)

Dr. Shohini Ghose
Wilfrid Laurier University

“Hunting for quantum butterflies”

Abstract

“Unpredictability manifests itself in very different ways at the classical and the quantum level. This has led to long-standing open questions, including the connection between chaos theory and quantum mechanics. Recent advances in quantum computing have made it possible to study foundational questions about the quantum-classical boundary in an experimental setting. This talk will discuss our explorations of chaos and quantum-classical correspondence in the context of quantum information science, and the surprising connections between the quantum and classical world.”

Wednesday, April 5, 2023

3:30 p.m. PST

ECS 116

Zoom link available on Uvic Event Calendar