



THE HONG KONG UNIVERSITY OF SCIENCE & TECHNOLOGY

Department of Mathematics

MATHEMATICS COLLOQUIUM

What is categorical representation theory?

By

Prof. David Nadler

The University of California, Berkeley

Abstract

This will be an invitation to the notion of categorical representations of groups -- their different flavors, natural sources, conjectural classifications,... Traditional representations theory is intimately linked to quantum mechanics, and likewise, much of categorical representation theory is motivated and informed by 2d quantum field theory.

Date : 31 October 2025 (Friday)

Time : 3:00p.m.-4:00p.m.

Venue : Lecture Theatre F (near Lift 25/26)

All are Welcome!