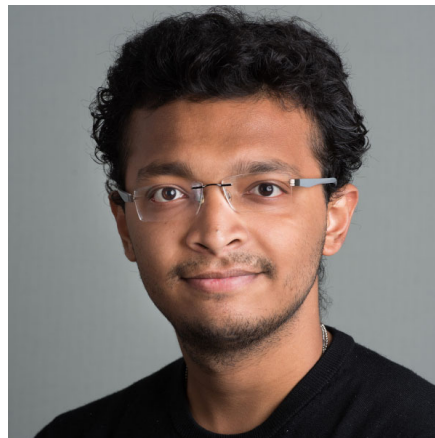


ALGEBRAIC GEOMETRY AND COMMUTATIVE ALGEBRA SEMINAR

Speaker: Pallav Goyal
University of Chicago



Date: Wednesday, April 26, 2023

Time: 3:00 PM

Location: 258 Hurley Hall

Zoom URL: NA

Lecture Title:

Almost commuting variety and quantum Hamiltonian reduction

Abstract

I'll be talking about the notions of commuting varieties and almost commuting varieties of Lie algebras in Types A and C. Then I'll quantize these notions and discuss their applications to the representation theory of rational Cherednik algebras via Hamiltonian reduction.