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Representation and Number Theory Seminar

Hyperkahler Manifolds and the Beauville-Voisin Conjecture

by

Professor Andrei Negut
MIT

Abstract

We review certain topics on algebraic cycles on hyperkahler manifolds. Our main goal is to present a proof (joint with Maulik) of the Beauville-Voisin conjecture for Hilbert schemes of points on $K3$ surfaces, and we will use representation theoretic tools to do so.

Date	: 17 January 2023 (Tuesday)
Time	: 4:00pm – 5:00pm
Venue	: Room 219, Lady Shaw Building, CUHK

All are Welcome