The Hong Kong University of Science and Technology

Department of Mathematics

Seminar on Pure Mathematics

Supersingular irreducible holomorphic symplectic varieties

by

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Abstract

In this lecture, I will talk about super singular IHS varieties which is a generalization of super singular K3 surfaces. The Artin-Shioda-Rudakov-Shafarevich conjecture says that all supersingular K3 surface unirational. We will give a similar geometric characterization of such varieties. This is a joint work with Lie Fu.

Date: *Tuesday, 26 September, 2017*

Time: *11:00a.m.-12:00p.m.*

Venue: *Room 4475, Academic Building (near Lifts 25 & 26), HKUST*

All are welcome!