Abstract

Let $X$ be a projective variety, The Hilbert scheme of $X$ is the moduli space of closed subvarieties (subschemes) of $X$. We discuss some geometric properties of the Hilbert schemes and give some applications of Hilbert schemes to the syzygies of algebraic varieties.

Lecture 1: January 6, 2015 (Tuesday) 4:00 – 5:30pm
Lecture 2: *January 7, 2015 (Wednesday) 4:00 – 5:30pm

Room 210, Run Run Shaw Bldg., HKU

*Tea is served at 3:30pm in Room 320A

All are welcome