Ranks of Elliptic Curves.
Prof. Wei Ho (Columbia)

Abstract

Although elliptic curves are very well-studied objects in modern number theory and algebraic geometry, there remain many open questions about some of their most basic properties. In this talk, I will describe why elliptic curves are so interesting, explain some conjectures about the number of rational points on a “random” elliptic curve, and then give an overview of recent methods that give partial results in this direction.

Wednesday, 22 February 2012
4:00 pm
Smith Hall 204
Tea and refreshments will be served at 3:45pm.