INTRODUCTION TO THE GROSS-ZAGIER FORMULA.
Prof. Xinyi Yuan (Princeton)

Abstract

In this talk, I will first recall the Birch and Swinnerton-Dyer conjecture. The case of rank zero or one was solved by the Gross–Zagier formula and Kolyvagin’s Euler system argument. I will introduce some simple cases of the Gross–Zagier formula, and talk about its recent developments.

Wednesday, 26 October 2011
4:00 pm
Smith Hall 204
Tea and refreshments will be served at 3:45pm.

http://math.newark.rutgers.edu/~xiaowwan/Colloquium/