

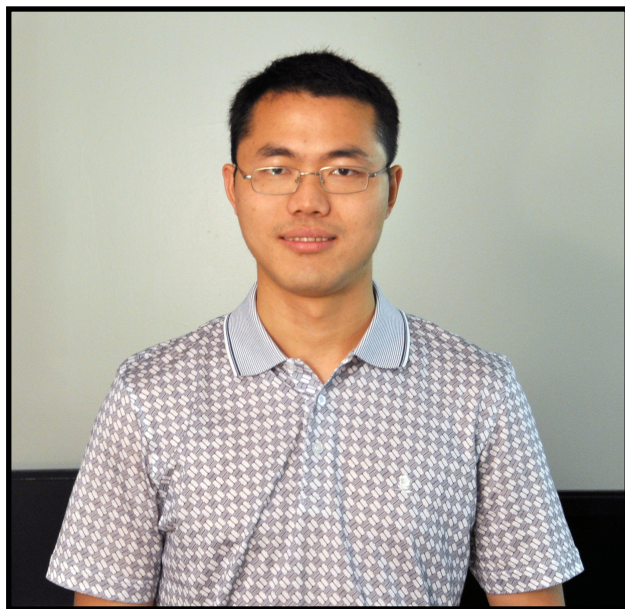
The Oliver Club

www.math.cornell.edu/~oliver/

Xinyi Yuan, Columbia University

On the Gross-Zagier Formula

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.



Tuesday, November 2, 2010
at 4:25 PM in 406 Malott Hall

Refreshments will be served at 3:55 PM in the Mathematics Department lounge (532 Malott Hall).