The Oliver Club

www.math.cornell.edu/~oliver/

Bjorn Poonen, Massachusetts Institute of Technology $x^2 + y^3 = z^7$

There are 16 solutions to $x^2 + y^3 = z^7$ in relatively prime integers, one of which is (21063928, -76271, 17) (joint work with Ed Schaefer and Michael Stoll). I will explain why the existence of such solutions is not surprising, and I will sketch how one proves statements like this.



Friday, April 29, 2011 at 4:30 PM in 253 Malott Hall

Refreshments will be served at 4:00 PM in the Mathematics Department lounge (532 Malott Hall).