Algebra and Number Theory Seminar

Gary McGuire, University College Dublin

will speak on

The 13/3 Problem and Hyperelliptic Supersingular Curves

Mon 21st September 2009 at 4:00PM

Location: Mathematical Sciences Seminar Room

We discuss the problem of computing the Fourier spectrum of a particular function on a finite field, which was conjectured to have unusual properties by Langevin and Leander. Trying to prove this conjecture leads us to questions about the possibilities for the number of rational points on hyperelliptic supersingular curves of low genus over finite fields.

This talk is part of the **Algebra and Number Theory** series. For more, see
https://maths.ucd.ie/seminars