K-Theory, Quadratic Forms and Number Theory Seminar

Title: Simultaneous representation of primes by quadratic forms

Speaker: Dr. David Brink (UCD)

Date: Wed 16th September 2009 at 3:00PM

Location: Mathematical Sciences Seminar Room

Abstract: It is well known that primes of the form $x^2 + ny^2 are describable by congruence conditions if and$ $32y^2 and x^2 + 64y^2. Using class field theory, we derive five similar theorems and show that there are no oth$