K-Theory, Quadratic Forms and Number Theory Seminar

Dr. David Brink (UCD)

will speak on

Simultaneous representation of primes by quadratic forms

Wed 16th September 2009 at 3:00PM

Location: Mathematical Sciences Seminar Room

It is well known that primes of the form $x^2 + ny^2$ $are describable by congruence conditions if and only if n is one of Euler's" nu$ $32y^2 and x^2 + 64y^2. Using class field theory, we derive five similar theorems and show that there are no others. If time perm$

This talk is part of the **K-Theory, Quadratic Forms and Number Theory** series. For more, see
`https://maths.ucd.ie/seminars`