K-Theory, Quadratic Forms and Number Theory Seminar

Title: The Divisibility of Some Divisibility Sequences

Speaker: Professor Graham Everest (UEA)

Date: Wed 8th November 2006 at 4:00PM

Location: Mathematical Sciences Seminar Room

Abstract: It is a pity that the Mersenne Prime Conjecture seems to be out of reach at the moment. However, in the late 19th century Zsigmondy and Bang found a way to guarantee new prime factors of terms of this and other related sequences. I will discuss this kind of result in the context of some integer sequences which arise naturally from geometry using the theory of elliptic curves.

http://mathsci.ucd.ie/sms/research/seminars/KTQFseminar.html