# Séminaire de théorie des nombres <br> Le 5 mars 2012 à 14h (Chevaleret) 

# Congruent Numbers and Heegner Points 

## Exposé de Ye Tian (Morningside Center of Mathematics)


#### Abstract

: Recall that a positive integer $n$ is called a congruent number if there is a right triangle with rational sides and area $n$. In this talk, we show that for any given $k \geq 1$, there are infinitely many square free congruent numbers with exactly $k$ prime divisors.


