



## Seminar

# K-Theory, Quadratic Forms and Number Theory

## Title: Realizability problem for etale wild kernels of number fields

**Speaker:** Dr. Luca Caputo (UCD)

Date: Wed 18th February 2009 at 4:00PM

**Location:** Mathematical Sciences Seminar Room

**Abstract:** For a number field  $F$ , an integer  $i$  and a prime  $p$ , the  $i$ -th etale wild kernels  $WK_{2i}^{et}(F)$  is a cohomological generalization of the  $p$ -part of the classical wild kernel  $WK_2(F)$  (i.e. the sub-0 holds, then every abelian  $p$ -group structure appears as  $WK_{2i}^{et}(F)$  of some number field  $F$ . The way these