



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 subgroup of $H^2(F, \mathbb{Z}/p\mathbb{Z})$ consisting of elements of order p). It holds, then every abelian p -group structure appears as $WK_{2i}^{et}(F)$ of some number field F . The way these