



**UCD School of  
Mathematics and Statistics**

University College Dublin  
Belfield, Dublin 4, Ireland

Tel +353 1 716 2580  
Fax +353 1 716 1196

**Scoil na  
Matamaitice agus na Staitisticí UCD**

An Coláiste Ollscoile, Baile Átha Cliath  
Belfield, Baile Átha Cliath 4, Éire

Email [seminars@maths.ucd.ie](mailto:seminars@maths.ucd.ie)  
Web [maths.ucd.ie/seminars](https://maths.ucd.ie/seminars)

## K-Theory, Quadratic Forms and Number Theory Seminar

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**Dr. Luca Caputo (UCD)**

will speak on

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

Wed 18th February 2009 at 4:00PM

Location: Mathematical Sciences Seminar Room

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 part of the classical wild kernel  $WK_2(F)$  (i.e. the subgroup of  $K_2(F)$  which is the kernel of Hilbert symbols). The triviality of  $0$  holds, then every abelian  $p$ -group structure appears as  $WK_{2i}^{et}(F)$  of some number field  $F$ . The way these results are obtained

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