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**Scoil na
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K-Theory, Quadratic Forms and Number Theory Seminar

Dr. Luca Caputo (UCD)

will speak on

Brauer relations

Wed 14th October 2009 at 3:00PM

Location: Mathematical Sciences Seminar Room

Classically, Brauer relations are relations between class numbers, regulators and order of groups of roots of unity of subextensions of a given finite Galois extension of number fields. Those relations fit in fact in a broader context, that of relations between permutation representations. I will introduce the basic elements of this theory, giving concrete examples and applications.

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