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

Karim Becher (Konstanz)

will speak on

Symplectic involutions on algebras of degree eight

Wed 29th September 2010 at 3:00PM

Location: Mathematical Sciences Seminar Room

==== Please note that the seminar has been moved to 3pm ====

In a recent work by Garibaldi-Parimala-Tignol, a cohomological invariant of degree 3 for symplectic involutions on central simple algebras of degree eight was introduced and used to solve the Pfister Factor Conjecture in degree 6. We give a more elementary approach to this invariant and define it as a 3-fold Pfister form.

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