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

Nigel Boston (University of Wisconsin - Madison)

will speak on

Change of Title: The Cohen-Lenstra Philosophy

Wed 27th July 2011 at 3:00PM

Location: Mathematical Sciences Seminar Room

In 1983 Henri Cohen and Hendrik Lenstra noted that the distribution of certain p -class groups G (p odd) behaved as if G were given weight $1/|\text{Aut}(G)|$. Similar weights have since been placed on objects in other categories and a broad general philosophy has developed. We will describe some striking current developments, including new work of the speaker, Michael Bush, and Farshid Hajir.

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