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K-Theory, Quadratic Forms and Number Theory Seminar

Dr. Mat Rogers (UIUC and Bonn)

will speak on

Lattice sums and Mahler measure

Wed 1st April 2009 at 4:00PM

Location: Mathematical Sciences Seminar Room

I will discuss a variety of proven and unproven formulas relating the special values of L-series of elliptic curves to Mahler measures of polynomials. Many of these results arise as special cases of more general relations between hypergeometric functions and lattice sums.

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