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**Scoil na
Matamaitice agus na Staitisticí UCD**

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Algebra and Number Theory Seminar

Alexander Pott (University of Magdeburg, Germany)

will speak on

Maximum nonlinear functions

Thu 7th December 2006 at 4:00PM

Location: Mathematical Sciences Seminar Room

There are two notions of how to measure the nonlinearity of functions defined on finite fields. In my talk, I will discuss both approaches, in particular the extremal case of functions which are in some sense as nonlinear as possible.

I will present new results disproving some conjectures and which suggest further research.

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