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**Scoil na
Matamaitice agus na Staitisticí UCD**

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Algebra and Number Theory Seminar

Bernd Kreussler (Mary Immaculate College)

will speak on

Elliptic Curves, A-infinity structures and Yang-Baxter equations

Mon 19th April 2010 at 4:00PM

Location: Mathematical Sciences Seminar Room

The essence of homological mirror symmetry is that structural properties of triangulated categories should provide solutions of equations from mathematical physics. In this talk it will be explained how structural properties of the bounded derived category of an elliptic curve lead to elliptic solutions of Yang-Baxter equations.

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