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**Scoil na
Matamaitice agus na Staitisticí UCD**

An Coláiste Ollscoile, Baile Átha Cliath
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Analysis Seminar

M. Mathieu (QUB)

will speak on

Elementary operators—still not elementary?

Tue 11th October 2016 at 3:00PM

Location:

Many properties of elementary operators on Banach algebras have been studied extensively by a large number of authors over several decades but still they defy a full structural understanding maybe the reason being that they appear naturally in many guises in many situations. I shall report on recent work with Nadia Boudi (2015) and my latest PhD student Matthew Young (2015/16) in which we try to understand when elementary operators are spectrally bounded or spectrally isometric. As so often, definitive results are only achieved for elementary operators of small length.

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