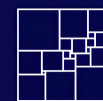
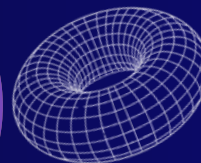
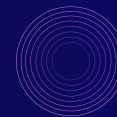




The
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Atiyah Lecture



Gauge Theories and Algebraic Curves

Prof. Nigel Hitchin

7 May, Wednesday, 17:00 - 18:30

Babbage Lecture Theatre

Abstract: Although Michael Atiyah was a big influence on my whole mathematical career, our collaboration in the 1970s and 80s was on instantons and monopoles, gauge theories in 4 and 3 dimensions.

The talk will discuss the role of spectral curves for hyperbolic monopoles, introduced in his 1987 paper, and spectral curves for Higgs bundles, a gauge theory in 2 dimensions, where his 1955 paper, written when he was a PhD student, sheds light on some recent developments.