

# The Quantum Universe

*A star lecture from Professor Jeff Forshaw*

Jeff Forshaw is a particle physicist who has published over a hundred research papers and written several books, including two best-selling science books co-authored with Professor Brian Cox. He recently won the Institute of Physics' Kelvin Medal for his work explaining science to non-experts. In this lecture for A-level students, Jeff will look at quantum physics.

Underpinning most of modern physics; quantum physics describes a very strange and counter-intuitive world, where tiny particles act as if they are in several places at the same time. This lecture will present the crazy rules that control the behaviour of a quantum particle and show how they impact upon questions about the world around us, including the recent discovery of the Higgs particle at CERN.

**What:**

Star Lecture from Jeff Forshaw, Professor of Particle Physics at the University of Manchester .

**Where:**

The University of Manchester

**When:**

Wednesday 16<sup>th</sup> October 2013  
12.15 – 2.30pm

**For more information please contact:**  
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