



John Adams Institute for Accelerator Science Lecture Series

Thursday 14th February 2013 at 4:15pm
Fisher Room, Denys Wilkinson Building

"Accelerators for neutrons"

The lecture will be delivered by

**D J S Findlay,
ISIS Accelerator Division, RAL, STFC**

Abstract: Accelerators are used to produce neutrons for many different purposes — including science, technology, energy, security, and medicine. The talk will describe the challenges of accelerator production of neutrons, particularly for the FAFNIR project, a practical source of 14-MeV-like neutrons for assessing radiation damage effects in materials for fusion power, and for upgrades to ISIS, currently the world's leading spallation neutron source in terms of science output.

For further details contact Glenn Christian at g.christian1@physics.ox.ac.uk