

Postgraduate Research Opportunity (Physics Department and Tyndall National Institute)

“Manipulation Schemes for Cold Atoms”

The UCC Quantum Optics Group invites you to apply for a Science Foundation Ireland funded MSc position in **quantum optics**. Scholarship ~€20,000/annum.

If you are interested in the quantum engineering of atoms for quantum-based technologies then this position could be for you.

We are looking for a bright, enthusiastic student to join our team for a project on devising manipulation schemes for cold atoms using micro-optics – the project contains theory and experiment.

You should have or expect to obtain a 2.1 or 1st class honour in physics, enjoy laboratory work and have excellent problem solving skills.

We will offer you a chance to enter this exciting field, acquire many new practical and theoretical skills, and contribute to the latest developments in atom optics.



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Closing date for applications: 1st June 2009