



Research Fellow position in Atom Optics!

The Centre for Atom Optics and Ultrafast Spectroscopy (CAOUS) at Swinburne University of Technology in Melbourne, Australia is seeking a suitable person for a Research Fellow position. The Research Fellow will take an active and hands-on role in the experimental project on Bose-Einstein Condensate on an Atom Chip. Current research is aimed at studies of the dynamics of a two-component Bose-Einstein condensate and the development of a double-well interferometer. Major goals of the project are applications of degenerate quantum gases in fundamental physics. The experiment is fully equipped and at an advanced stage. The project is part of the ARC Centre of Excellence for Quantum-Atom Optics (ACQAO) and has substantial funding until the end of 2010.

The Research Fellow is expected to be a highly motivated and hard working researcher who has

- advanced knowledge in quantum physics, atomic physics and laser spectroscopy,
- relevant experience with diode lasers, ultra-high vacuum technology, computer control and data acquisition,
- ability to work without supervision in a team environment.

This is a fixed term position (twelve months), available from February 2009. The full-time appointment is at Academic Level A/B depending on qualifications and experience.

If you are interested send your CV, list of publications, and contact details of referees to:
Prof. Andrei Sidorov (Project Leader), asidorov@swin.edu.au, ph: +61 3 9214 5848 or
Prof. Peter Hannaford (Director of CAOUS), phannaford@swin.edu.au
<http://www.swinburne.edu.au/feis/caous/>

