

Open research fellow (Post-doc) position on cooperative effects with dense strontium BEC.

**School of Physical and Mathematical Science,
Centre for Quantum Technology
Nanyang Technological University, Singapore**

We have an open position for a talented and motivated postdoctoral researcher to join a new experimental project with Bose-Einstein condensates (BEC) of ^{88}Sr . The aim of the project is to study cooperative effects of light scattering and transport in a dense ultracold atomic cloud.

The successful applicant is expected to guide and work with a PhD student to produce ^{88}Sr BEC with the help of machine learning and original evaporative techniques. Other roles include taking charge of the technical and developmental aspects of the setup, coordinating and performing experiments and data taking.

Interested candidates should have a PhD in AMO physics with background in experimental cold atomic physics. For application or further information on this opening, please contact David Wilkowski (david.wilkowski@ntu.edu.sg) or Chang Chi Kwong (changchikwong@ntu.edu.sg).

Website: <https://ultracold.quantumlah.org/>