

Post-Doc position

in the Experimental Quantum Optics
and Photonics Group



Quantum simulation with ultracold atoms in optical lattices

We have an open post-doc position in our team, for research on ultracold atoms in optical lattices. We use a quantum-gas microscope to probe the dynamics of ultracold fermions at the single-atom level.

Funded by the EPSRC Programme Grant QQQS, we will study strongly correlated fermionic quantum systems in tailored light potentials and novel lattice geometries, such as chains of coupled tweezers, or a Lieb lattice, with properties such as flat bands, localization and edge states.

Interested in joining us?

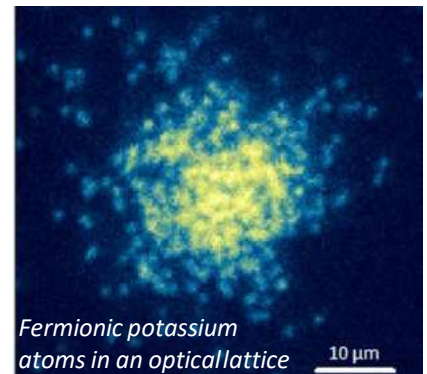
Contact us now for further details!

Requirements: MSc/Diploma in Experimental Physics

Contact: Prof. Stefan Kuhr – stefan.kuhr@strath.ac.uk

Dr. Arthur LaRooij – arthur.larooij@strath.ac.uk

Webpage: <https://eqop.phys.strath.ac.uk/qgm-projects/qgm-main/>



Glasgow



Highlands