

# Open PhD and Postdoc positions

in the Experimental Quantum Optics and Photonics Group



## Ultracold atoms in optical lattices

Would you like to explore the intriguing world of quantum physics? We are looking for motivated PhD students and postdocs to join our team.

*Atomic gases at temperatures close to absolute zero give the unique opportunity to study quantum many-body phenomena in the laboratory under controlled conditions.*

*Our team has just completed the construction of a quantum-gas microscope which allows us to image fermionic potassium atom by atom, lattice site by lattice site. This exciting new tool will open the path to the study of strongly correlated fermionic quantum systems in optical lattices with unprecedented insight into their local properties.*

**Are you interested in joining us?**

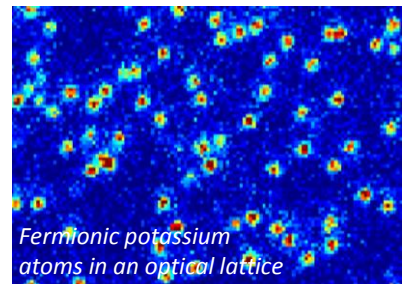
**Contact us now for further details!**

**Requirements:** MSc/Diploma in Experimental Physics

**Contact:** Prof. Stefan Kuhr - [stefan.kuhr@strath.ac.uk](mailto:stefan.kuhr@strath.ac.uk)

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Fermionic potassium atoms in an optical lattice



Glasgow



Highlands