

Open PhD positions

in the Experimental Quantum Optics
and Photonics Group



Quantum simulation with ultracold atoms in optical lattices

We invite **outstanding and motivated students** to join our team, for research on ultracold atoms in optical lattices. We use a quantum-gas microscope to measure the dynamics of ultracold fermions at the single atom level.

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

In our team, a quantum-gas microscope which allows us to image fermionic potassium trapped in a 3D optical lattice atom by atom, lattice site by lattice site, opens the path to the study of strongly correlated fermionic quantum systems in optical lattices with unprecedented insight into their local properties..

Interested in joining us?

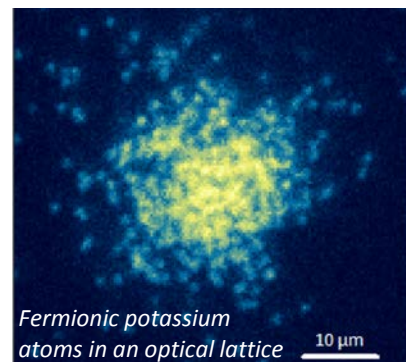
Contact us now for further details!

Requirements: MSc/Diploma in Experimental Physics

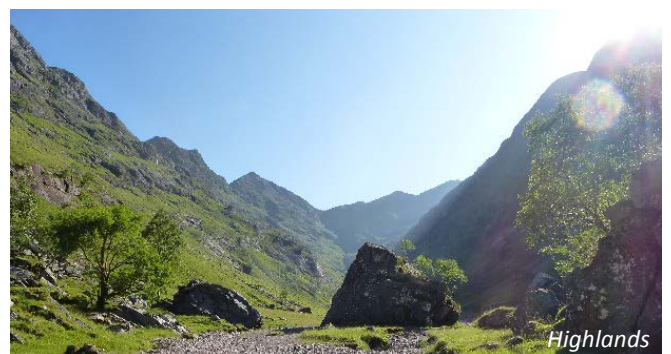
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Highlands