Experimental Quantum/Vacuum Physicist

Wed, 2018-09-05 15:57 - Paul Griffin [1] **At:** TMD Technologies Ltd. (London, UK) & University of Strathclyde (Glasgow, UK)
Deadline: 13 September, 2018

Location

TMD Technologies London United Kingdom
51° 30' 26.4636" N, 0° 7' 39.9288" W
See map: Google Maps [2]

TMD Technologies Ltd and the Univeristy of Strathclyde are seeking to recruit an experimental quantum/vacuum physicist to drive the translation of a novel, miniature, and self-contained atom-cooling platform for quantum technologies and precision measurements.

The Experimental Quantum Optics Group within the Department of Physics at the University of Strathclyde (which Times Higher Education ranked as number one in the UK for physics research, based on the REF 2014 GPA Scores) specialise in the development and translation of quantum technology. The main focus of the group is the translation of lab-based cold atom and precision measurement techniques into practical applications. Building on an established collaborative relationship with TMD Technologies Ltd., we seek to appoint a skilled, motivated and innovative physicist to lead the development of a miniaturised and integrated Magneto-Optical Trap (MOT) and embed relevant knowledge within the company's production environments.

The successful candidate will be passionate about the translation of technology to the industrial sector, with a minimum of MSc level in a physical sciences or engineering discipline, or have significant relevant experience in addition to a relevant degree. A relevant PhD qualification and/or experience of cold atom research would be a considerable advantage.

The position will be predominantly based within the company, TMD Technologies Ltd., headquarters in Hayes, West London, though will be required to spend several extended periods accessing state-of-the-art equipment at the Experimental Quantum Optics Laboratories at the University of Strathclyde in Glasgow.

The position includes extensive professional development opportunities and generous personal development and travel budgets. With the support of academic experts and a KTP Adviser, this is an excellent opportunity to establish a career in industry at the forefront of innovation in quantum technologies.

For more details search for post number 150910 on https://strathvacancies.engageats.co.uk/

- Position [3]

Source URL: http://qurope.eu/db/jobs/experimental-quantumvacuum-physicist

Links:
[1] http://qurope.eu/users/paulgriffin
[2] http://maps.google.co.uk?q=%2C+London%2C+%2C+uk
[3] http://qurope.eu/db/jobs/type/position