



Postdoctoral Research Associates Condensed Matter Theory and 2D Materials Modelling

Applications are invited for 2 Postdoctoral Research Associates posts in condensed matter theory to study physical properties (electronic, magnetic, optical and thermoelectric) of two-dimensional materials, their heterostructures, and mesoscopic systems based on such materials. We seek for theorists with an active interest and excellent track record of publications in physics of low-dimensional materials (using field-theory methods or ab initio modelling), theoretical nanoelectronics, strongly correlated quantum systems, or quantum optics.

The appointments will be for 2 years and based at the National Graphene Institute (NGI), a world-class science and technology facility with a broad scope of research in two-dimensional materials. The posts are co-funded by European Research Council Synergy Grant Hetero2D and European Graphene Flagship which involve collaboration with experimental groups at NGI, Cambridge Graphene Centre, and numerous Graphene Flagship partners in Europe. The starting dates for these appointments are expected to be between early June and the end of September 2017.

For informal enquiries, contact NGI Research Director Professor Vladimir Fal'ko, who will supervise the involved research projects [email: vladimir.falko@manchester.ac.uk; telephone: +44 (0)161 306 1459].

Application forms (HR REF: S&E-09896) and further particulars are on www.jobs.manchester.ac.uk/displayjob.aspx?jobid=13231

The closing date for applications is **1 May 2017**.

With your application you should submit/upload a single file containing your CV, list of publications, and a brief research statement describing your experience in condensed matter theory or computational materials science.

The University of Manchester values a diverse workforce and welcomes applications from all sections of the community, and we particularly welcome applications from women for this post. Appointments will always be made on merit. The School of Physics and Astronomy is committed to promoting equality and diversity, including the Athena SWAN charter for promoting women's careers in science, technology, engineering, mathematics and medicine in higher education: www.physics.manchester.ac.uk/about-us/equality-and-diversity/.