



Postdoctoral Research Associates in Condensed Matter Theory and Modelling of 2D Materials

Applications are invited for 4 Postdoctoral posts in condensed matter theory to study two-dimensional materials and their heterostructures, and to model nanodevices based on such materials. We seek theorists with an active interest in low-dimensional materials theoretical nanoelectronics, strongly correlated quantum systems, or quantum optics, as well as skills in field-theory methods, or in ab initio modelling.

The terms of these appointments will vary, depending on the experience and expertise of the candidates, ranging from 12 to 30 months. The posts will be based at the National Graphene Institute and co-funded by European Research Council, EPSRC, and Lloyd Register Foundation. The starting dates for these appointments are expected to be between early August and the end of October 2018.

For enquiries, contact Prof 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=15475

The closing date for applications is **1 July, 2018**.

With your application you should submit/upload a single file containing your CV, list of publications, and a brief statement (no more than 1 page) describing your experience and interest 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/.