

Postdoctoral Research Associate in Condensed Matter Theory

Applications are invited for a postdoctoral position in condensed matter theory at the Department of Physics, University of Vermont, in Burlington, VT.

The successful candidate will perform theoretical research on electronic and magnetic properties of Graphene and related systems, in an effort to understand correlation effects and novel electronic phases of Graphene and its derivatives. The recently-discovered Graphene has opened exciting new avenues for research both in fundamental solid-state physics and applied materials science. Thus the position presents an opportunity for the research associate to work in this emergent field.

The position is in the group of Prof. Valeri Kotov, and is expected to be for up to two years, with an approximate starting date in August, 2010.

Additional inquiries should be directed to Valeri Kotov,
e-mail: valeri.kotov@uvm.edu , <http://www.uvm.edu/~vkotov>.

Requirements: Ph.D. in physics, with specialization and/or experience in theoretical condensed matter physics. Solid knowledge of quantum many-body techniques will be a plus. Familiarity with basic numerical methods is also expected.

Application procedure: Please submit your application in a single pdf file: include a cover letter, your CV, publications, and a brief statement of research experience and goals. In addition, 3 letters of recommendation should be arranged to be sent to the address below. The applications and recommendation letters can be sent electronically to Prof. Valeri Kotov, email: valeri.kotov@uvm.edu .

For full consideration all materials should be received by February 14-th, 2010. Applications will be reviewed on an ongoing basis and will continue until the position is filled.

