Postdoctoral Research Position in Quantum Information Theory

The Physics Department at Virginia Tech invites applications for a Postdoctoral Researcher in the overlapping areas of quantum information and condensed matter theory. The research involves construction and analysis of quantum computing algorithms. Example areas of interest include measurement-based quantum computation, quantum simulation, and quantum many-body physics. Expertise in computational methods is highly desirable, but it is not a prerequisite. The position includes opportunities for travel both to present at conferences and to collaborate with other groups. Evaluation of applications will begin immediately and continue until the position is filled. The start date is flexible. The position is for one year, renewable up to three years subject to satisfactory performance. Salary and benefits are competitive and will be commensurate with qualifications and experience. This research will be conducted with Prof. Vito Scarola (scarola@vt.edu) and his research group at Virginia Tech (scarola.phys.vt.edu).

To apply, submit an online application that includes a curriculum vitae, a cover letter, and a list of at least 3 references to jobs.vt.edu (job number 511841). Interested applicants can also contact Professor Vito Scarola, scarola@vt.edu, for more information.

Virginia Tech is an EO/EA/AA employer. Departmental information can be found at www.phys.vt.edu. Applicants must hold a Ph.D. or equivalent degree in physics or a related field and have graduate level research experience.