Postdoctoral Position at Duke University:  
Strongly Correlated Nanoscale Systems (Theory/Computational)

We invite applications for a postdoctoral position in condensed matter theory at Duke University beginning in the Fall of 2007. The general area is strongly correlated nanoscale systems. Possible topics include, e.g., Kondo effects in quantum dots or carbon nanotubes, quantum wires, or metal-insulator type physics in confined systems. The position is in association with Profs. Harold Baranger and Shailesh Chandrasekharan; further information about current work in our group can be found at http://www.phy.duke.edu/research/cmtheory/bg/publ.ptml

We are particularly interested in candidates with substantial computational experience, such as prior work with either DMRG and/or QMC techniques. Strong candidates with experience in other fields (such as lattice QCD) may be considered if the candidates show a clear interest in working on the above projects.

We prefer to receive applications via email at "baranger@phy.duke.edu". Applicants should send a CV, including a publication list and brief summary of research. In addition, each applicant should arrange for 3 letters of recommendation to be sent. If email submission is inconvenient, please send a hard copy to

Prof. Harold Baranger,  
Department of Physics,  
Duke University Box 90305,  
Durham NC 27708-0305, USA.  
All materials should be received by us no later than February 15, 2007 for full consideration.

Professor Harold U. Baranger  
Department of Physics  
Duke University, Box 90305  
Durham, NC 27708-0305  
email: baranger@phy.duke.edu  
room 291 Physics Building  
phone: 919-660-2598  
fax: 919-668-2525  
homepage: http://www.phy.duke.edu/~baranger