Dear Colleagues,

I bring to your attention *several* postdoctoral fellowships at the Argonne Leadership Computing Facility for those interested in working on the computational aspects of electronic structure methods.

We are looking for candidates interested in the development of OpenSource electronic structure codes for massively parallel calculations on Blue Gene/P and the future 10 pF Blue Gene/Q. Electronic structure methods of interest include: CC, DFT, MP2, and QMC. Postdoc candidates will help develop electronic structure codes that will utilize 100K+ cores to achieve breakthrough high-impact science on present and future generation supercomputing platforms.

PhD in chemistry, physics, or computer science is required. Experience with programming in C, C++, or Fortran is required. An ideal candidate would also have experience in MPI and shared memory programming.

For further information, please contact:

Nichols A. Romero
naromero@alcf.anl.gov

Jeff R. Hammond
jhammond@mcs.anl.gov

Argonne National Laboratory offers competitive salaries.