

National Aeronautics and  
Space Administration

**Ames Research Center**  
Thermal Protection Materials Branch  
Moffett Field, CA 94035



## ***Postdoctoral Position in Computational Modeling of Energy Storage Materials at the NASA Ames Research Center***

A postdoctoral position in computational material science is available immediately at the NASA Ames Research Center. Funding is available for a one year project involving MD and *ab initio* simulations of ionic liquids for novel energy storage systems. **Therefore candidates must have experience performing atomistic simulations.** Direct experience with the software package LAMMPS is preferred but not required. The appointment is jointly with John Lawson and Charles Bauschlicher

Computational materials science research at NASA Ames is directed towards multiscale modeling (*ab initio*, atomistic, continuum) of next generation materials for space and aeronautics applications. We have multi- disciplinary teams (chemists, physicists, material scientists) working on both experimental and computational issues.

The candidate should hold a doctoral degree in a relevant discipline, such as Materials Science, Mechanical Engineering, Chemistry, Physics, or Chemical Engineering before the commencement of the appointment. The ideal candidate will have a strong background in computational materials modeling using standard software packages and also be strong in scientific programming.

Interested persons should submit by email a CV including publication list and contact information for 2-3 references to John Lawson ([John.W.Lawson@nasa.gov](mailto:John.W.Lawson@nasa.gov)). Applications will be reviewed until the position is filled. **Applicants who are US citizens or permanent US residents will receive special consideration.** Due to limited travel/relocation funds, only applicants currently residing in the US will be considered. The position is for one year. Extensions will depend on availability of funding.

The NASA Ames Research Center is located near Mountain View, California, in the heart of Silicon Valley, 10 miles from Stanford University and 40 miles from San Francisco.