



BIG BEAR SOLAR OBSERVATORY

CENTER FOR SOLAR-TERRESTRIAL RESEARCH

## **Faculty Position in Solar Physics, New Jersey Institute of Technology**

A tenure track faculty position in solar physics is available at the New Jersey Institute of Technology (NJIT). Initial appointment anticipated at the rank of Assistant Professor, but higher rank will be considered for exceptionally well-qualified candidates. For an overview of NJIT's program in solar physics, visit <http://solar.njit.edu>. Applicants are required to have a Ph.D. and relevant postdoctoral experience is expected. Preference will be given to researchers with expertise in ground-based or space instrumentation and a strong interest in the research at Big Bear Solar Observatory (BBSO). Presently, there are 20 tenure track faculty in the NJIT Physics Department -- including Center for Solar-Terrestrial Research (CSTR) with 5 members. CSTR is an international leader in ground-based solar physics and studies of the effects of the Sun on Earth's space and terrestrial environment. The Center operates BBSO and the Owens Valley Solar Array (OVSA) in California.

CSTR has strong instrumentation programs including such successful efforts as high order adaptive optics, visible light and near infrared polarimetry, and radio imaging spectroscopy. Presently, the group is engaged in building the world's most capable solar telescopes, the New Solar Telescope (NST - a 1.6 m clear aperture, off-axis solar telescope), and the Frequency Agile Solar Radiotelescope (FASR). The group is also heavily involved in several space and ground-based experimental investigations of the heliosphere, the magnetosphere and ionosphere. The CSTR group currently has 11 post-docs/research faculty and 16 Ph.D. students.

The faculty position is available for the Fall 2007 semester. Applications will be considered as they are received. Please email your application to the Physics Faculty Search Committee c/o Phil Goode ([pgoode@bbsso.njit.edu](mailto:pgoode@bbsso.njit.edu)). Please include a resume, a brief statement of your interests and career goals, and the names of three references. NJIT is a public research university and is an equal opportunity, affirmative-action employer.