

POSTDOC POSITION
NJIT – NSLS , Sept. 2010

Field: Experimental Physics, Condensed Matter, Optics

Position location: NSLS, Brookhaven National Lab

The Far-infrared Ellipsometer Project between New Jersey Institute of Technology (NJIT) and the National Synchrotron Light Source (NSLS) at Brookhaven National Lab invites applications for a postdoctoral position in Experimental Physics. The primary goal of the Project is to run and support the recently developed multi-user facility at the U4IR beamline at NSLS. The position offers an opportunity to work in the field of Synchrotron Radiation Spectroscopy, Optics, and Condensed Matter Physics, and the potential to collaborate with international leaders in this area. This position is funded through NJIT by DOE and is renewable up to three years. Candidates must have a doctorate degree in physics, engineering, or material science and expertise in at least one of the following areas: ellipsometry, far-IR transmission/reflection spectroscopy, cryogenics / vacuum / magnetic fields. General knowledge of BRUKER spectrometers and bolometers, optics modeling software (ZEMAX), instrument control (LABVIEW), data analysis with MATLAB is a plus.

BNL is located on Long Island, NY, in proximity of the cultural attractions of New York City. Qualified candidates should send a short letter of interest, resume, and a list of 2 references with the words "Postdoc, Ellipsometry" in the subject line to Andrei Sirenko: sirenko@njit.edu. Review of applications will continue until the position is filled. NJIT is an equal opportunity employer.

