In addition, we anticipate R&D for next generation experiments. The most likely new proposal will be for an intermediate distance (2km) detector system for the T2K experiment. This should enhance the experimental goal of the first observation of electron neutrino appearance in a neutrino oscillation experiment. We are also generally investigating new opportunities in particle astrophysics including dark matter searches, pp solar neutrinos, neutrinoless double beta decay, as well as future generation neutrino plus proton decay detectors.

Interested candidates should contact:
Prof. Edward Kearns
Boston U. Physics
Department, 590 Commonwealth Ave.
Boston, MA 02215.
Applications and inquiries may be sent via email to kearns@hep.bu.edu

Visit our group homepage at:
http://hep.bu.edu/~superk

Posted: December 2004