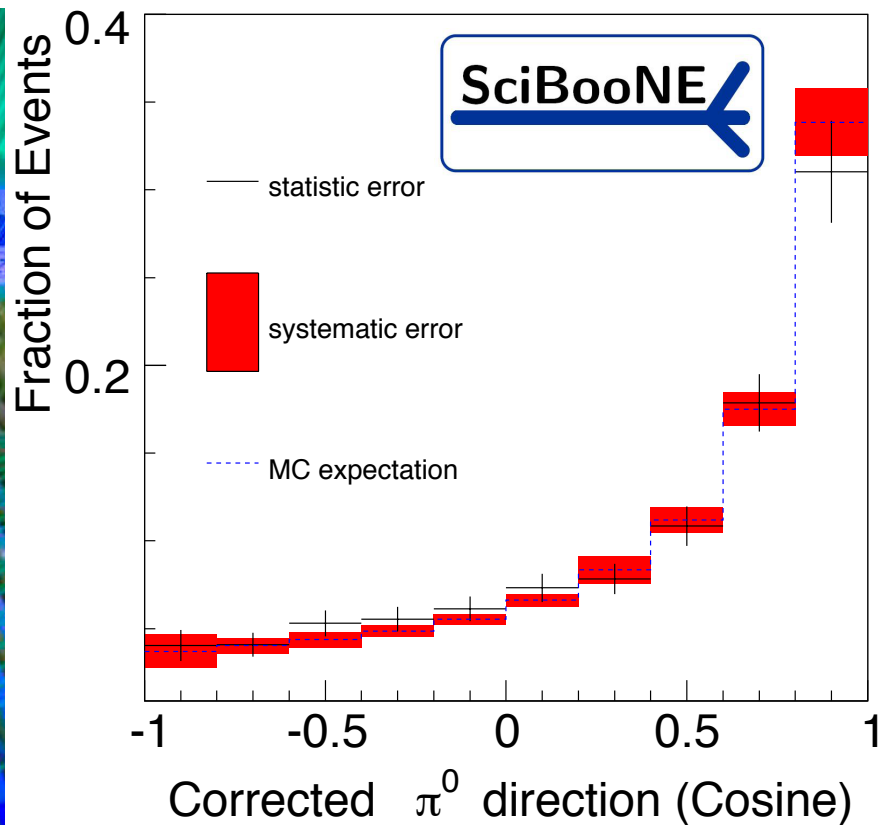
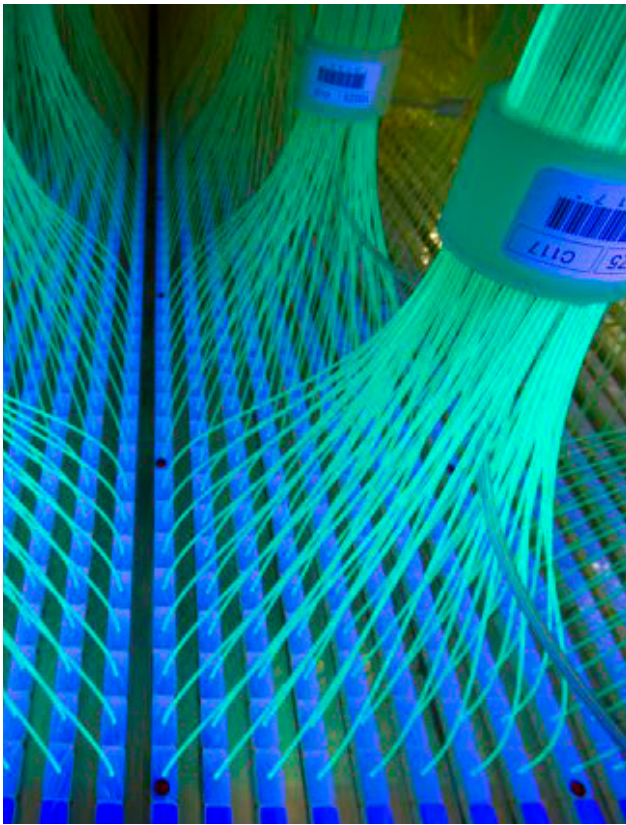


Boston University
High Energy Experiment Seminar



Measurement of the Neutrino NC π^0 Cross Section with SciBooNE

As we enter the era of precision neutrino oscillation measurements, the need to improve neutrino interaction cross section measurements is paramount. SciBooNE at Fermilab uses a fine grained tracking detector to make precise neutrino and antineutrino cross section measurements on carbon and iron. I will present SciBooNE's latest physics results, which are measurement of neutral current neutral pion production by neutrinos. These measurements are of direct relevance to the future global long baseline accelerator neutrino program, especially the T2K experiment in Japan.

Morgan Wascko

Imperial College, London, UK

March 5, 2010 (Friday) at 2:30pm
3 Cummington St., Room 595, Boston University