



U N I V E R S I T Y O F
SOUTH CAROLINA

**DEPARTMENT OF
PHYSICS AND ASTRONOMY**

COLLOQUIUM

Speaker:

**Dr. Tanja Horn
Jefferson Laboratory
Newport News, VA**

Title:

The Transition from Long to Short Distance Physics in Meson Electroproduction

Abstract:

Meson electroproduction at intermediate energies provides a good way to study the transition from the non-perturbative to the perturbative regime. In this talk I will review tests of factorization of long- and short-distance physics in charged pion production at 6 and 12 GeV at Jefferson Lab, describe the connection to the pion form factor, and show possible extensions of these studies to the strange sector.

**Jones Physical Science Center
Rogers Room
PSC 409**

**Thursday, May 1, 2008
3:30 pm**

Refreshments at 3:15 pm

Everyone invited

Hosted by:

Yordanka Ilieva