

Columbia University Physics Department Colloquium

**Monday, December 11, 2006
428 Pupin Hall
4:10 pm**

“Neutrinos from the Sky and Through the Earth ”

The progress in neutrino physics over the past ten years has been tremendous: we have learned that neutrinos have mass and oscillate. I will pick out one of the threads of the story-- the measurement of flavor oscillation in neutrinos produced by cosmic ray showers in the atmosphere. I will present the history, the current state of knowledge, and some of the puzzles remaining to be solved.

Prof. Kate Scholberg, Duke University

