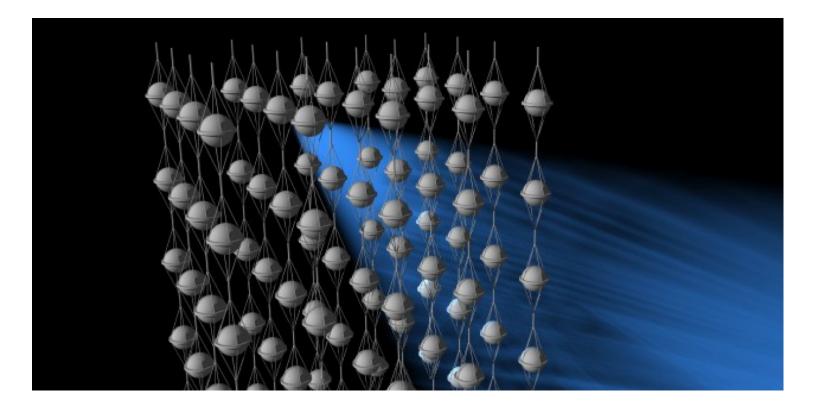
Boston University High Energy Experiment Seminar



IceCube: The first kilometer scale neutrino telescope

IceCube, the first neutrino telescope with an instrumented volume of a cubic kilometer, is currently under construction at the South Pole. I will review the science motivation as well as the technical challenges in designing and building such a colossal instrument in one of the harshest environments on Earth, and I will give a glimpse of the first physics results from IceCube. In addition, I will describe future extensions to the observatory, including an embedded low energy array already under construction, as well as plans to extend the observatory to the GZK regime.

Kara Hoffman

University of Maryland

April 9, 2009 (Thursday) at 3:30pm 3 Cummington St., Room 595, Boston University