

Physics Department Seminar

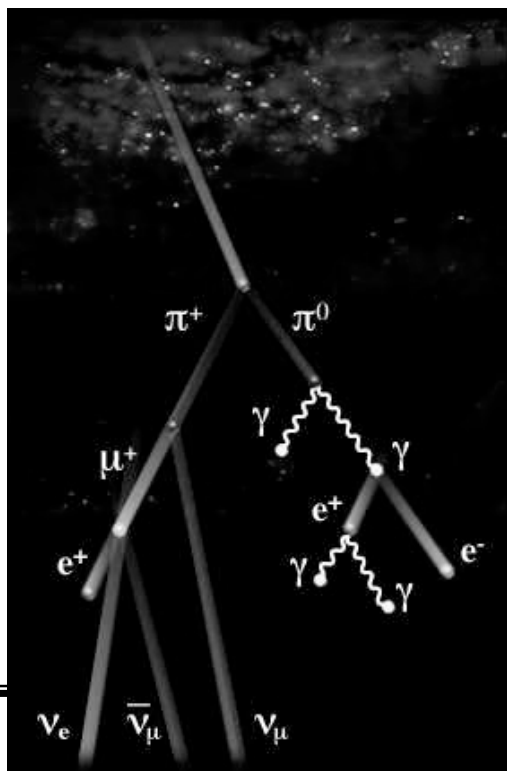
Friday April 30th, 2004

11:00am in PhSc 105

“Ultra High Energy Cosmic Rays”

Mr. Anthony Visco

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Abstract:

In 1992, a cosmic particle with an incredible energy of approximately 3×10^{20} eV struck the Fly's Eye detector in Utah with a speed of 99.999999999999999999999999% of the speed of light. The origin of these highly energetic particles -- 100 million times more energetic than particles produced in Earth's largest accelerators -- still remains an enigma to science today. This talk will focus on the events and experiments that

led to the discovery of these particles and the theories offered to explain their existence.