

# CU Physics Department Colloquium

Monday, May 5, 2008 4:10 PM 428 Pupin Hall



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# Probing Extreme Cosmic Accelerators with high energy gamma-rays and neutrinos

The recent very high energy (VHE) gamma-ray observations revealed many galactic and extragalactic nonthermal sources in which acceleration of relativistic particles (electrons and protons) proceeds at the maximum (theoretically possible) rates. I will discuss properties of these extreme accelerators in the VHE gamma-ray regime and highlight the approaches towards understanding their origin in the context of future observations with next generation high energy gamma-ray and neutrino detectors.

Hosted by Reshmi Mukherjee

