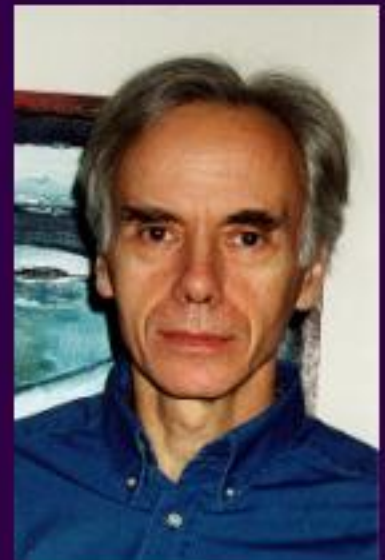


**Physics Colloquium**  
**Monday April 17<sup>th</sup>, 2006**  
**4:15 PM 428 Pupin Hall**  
**Professor Peter Meszaros**  
**Pennsylvania State University**

**“TeV to EeV emission from Gamma Ray Bursts and Active Galaxies,  
and prospects for VHE-UHE neutrino and cosmic ray  
measurements”**

I discuss current models of of very high energy (TeV and above) neutrino production in Gamma Ray Bursts and AGNs from cosmic ray acceleration, and their relevance for current effort aimed at measuring cosmic rays and neutrinos near the  $1E20$  eV (GZK) limit.



*Host: Professor Faudermann*