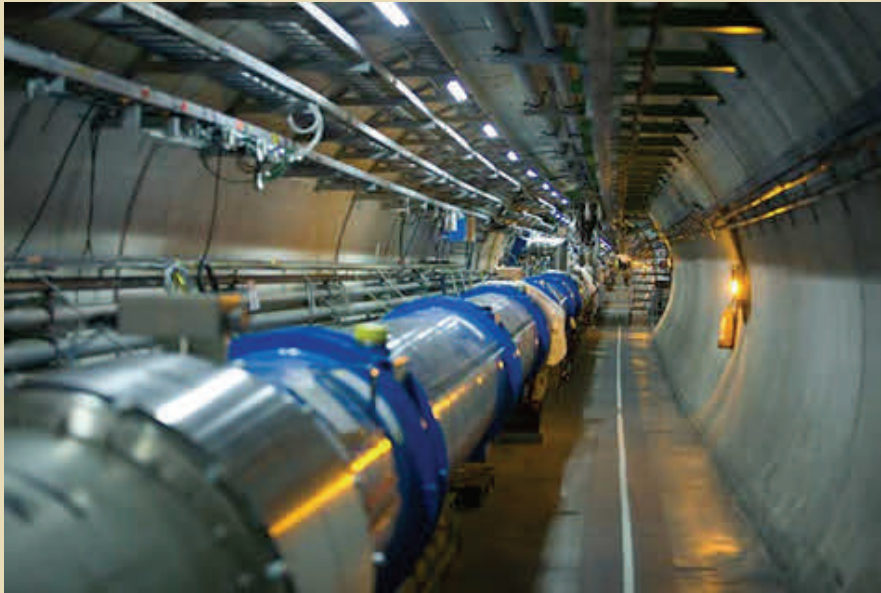
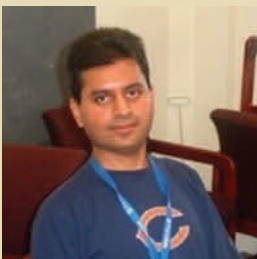


Physics and Space Sciences Department Colloquium
Presents:
Discovery or Illusion: The Tale of a Tantalizing Bump



In April last year the CDF experiment at Fermilab generated huge excitement by reporting a significant resonant excess in the invariant mass distribution of jet pairs produced in association with a W boson. If confirmed this could herald the observation of a new elementary particle or a new force of nature. Since then other experiments have repeated the analysis but couldn't confirm the finding. I will describe the latest results on this topic from the CMS experiment at the Large Hadron Collider at CERN.



Dr. Kalanand Mishra

**Friday, October 5, 2012
4:00-5:00 P.M.
OPS 140**