



CERN Joint EP/PP Seminars

SPEAKER: Prof. Gordon KANE (University of Michigan)
TITLE: **Dark matter searches from the galaxy to the LHC - recent hints and coming progress**
DATE: Tue 05/08/2008 16:30
PLACE: Main Auditorium**

ABSTRACT

We discuss the possible galactic positron excess and constraints on interpreting it as dark matter annihilation. We consider wino and higgsino wimps that provide the local relic density and a positron excess (which implies the relic density is non-thermal in origin and important consequences for cosmological history and underlying theories), comment on how to confirm and study these issues at LHC, and on the relation to direct detection experiments.