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**Studies of cosmic antiparticles with PAMELA<sup>1</sup>**

MARK PEARCE, KTH, Stockholm

The PAMELA satellite experiment was launched into low earth orbit on June 15th 2006. The combination of a permanent magnet silicon strip spectrometer, and a silicon-tungsten imaging calorimeter allows precision studies of the charged cosmic radiation to be conducted over a wide energy range ( $\sim 100$  MeV -  $\sim 200$  GeV). A primary scientific goal is to search for dark matter particle annihilations by measuring the energy spectra of cosmic ray antiparticles. Recent results from the PAMELA experiment will be reviewed with a particular focus on cosmic ray antiprotons and positrons.

<sup>1</sup>On behalf of The PAMELA Collaboration