

APR06-2006-000933

Abstract for an Invited Paper
for the APR06 Meeting of
the American Physical Society

Fast X-ray Oscillations During Magnetar Flares

TOD STROHMAYER, NASA

We report on recent studies of high frequency variability during magnetar giant flares. These oscillations may represent the first observations of global shear oscillations in neutron star crusts, and can provide a new tools to study neutron star structure.