



HAO Colloquium Series

(Refreshments served)

Speaker: Jeffrey Love, USGS

Time: 1:30–2:30 pm

Date: Wednesday, May 2, 2012

Location: CG1-Rm 2126

Title: Geomagnetic detection of the sectorial solar magnetic field and the historical peculiarity of minimum 23–24

Abstract:

In order to assess how recurrent geomagnetic activity has changed over the past 11 solar cycles, we analyze historical data collected at ground-based magnetic observatories for the years 1868–2011. Results are interpreted in terms of long-term change in the symmetry of the Sun's magnetic field, and an assessment is made of the relative peculiarity of the most recent solar minimum.