



HAO Colloquium Series

(Refreshments served)

Speaker: Scott McIntosh, HAO/NCAR

Time: 1:30–2:30 pm

Date: Wednesday, April 25, 2012

Location: CG1-2139, Captain Mary Room

Title: The Science of ChroMag

Abstract:

Why should we get behind the development of ChroMag? Developments in chromospheric physics are coming thick and fast. Our view of the chromosphere changed dramatically with the first images of Hinode/SOT only five years ago. Indeed, chromospheric imaging spectroscopy has enabled the identification of a direct link between chromospheric and coronal energetics in magnetized regions. Further, increasing the capabilities to chromospheric imaging spectro-polarimetry is allowing the complete physical picture to be linked; studying the “magneto-thermodynamic” interface between the photosphere and outer atmosphere, enabling “Space Climate” and “Space Weather” research. So, why should we get behind the development of ChroMag?