



HAO Colloquium Series

(Refreshments served)

Speaker: Tim Howard, SwRI
Time: 3:00–4:00 pm
Date: Wednesday, July 3, 2013
Location: CG1-2139 Captain Mary
Title: Heliospheric Images: The Status Quo and the Future

Abstract:

The heliospheric imager era is 10 years old. While it all began with the first complete heliospheric imager (SMEI) in 2003, the concept extends back to the 1980s. I will present a brief history of heliospheric imaging, from the Helios era to the latest development with the HIs on board STEREO, and review some of the latest theoretical work in this area. I will conclude with a discussion on the future direction of the field, including the design of the next generation heliospheric imager and the utility of Faraday rotation, which is gradually becoming a topic of great interest to the CME science and forecasting communities.