



## 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.