

COMMITTEE'S MEMBERSHIP, MANDATE, AND GOAL

Members of the Committee

Sarah Gibson (chair) – NCAR/HAO

Tim Bastion - NRAO

Gianna Cauzzi – INAF, Arcetri, Italy and on leave at NSO, Sac Peak

Craig Deforest – Southwest Research Institute

Todd Hoeksema - Stanford

Jeff Kuhn – Univ. of Hawai'i, IfA

Han Uitenbroek – NSO, Sac Peak

Mandate and Goals

Although the upcoming Solar and Space Physics Decadal Survey will address issues relevant to NASA's Heliophysics Division as well as aspects of solar physics of interest to NSF's ATM division, there are important components of ground-based solar astronomy that need to be addressed by the Astronomy & Astrophysics Decadal Survey that will be getting under way shortly.

Our committee's mandate is to provide input to AURA that will aid AURA's advocacy of solar ground-based astronomy to the upcoming Astronomy & Astrophysics Decadal Survey. We will present our view of the most compelling solar science questions that should be answered over the next decade, and describe how ground-based observations will enable answering them

The Advanced Technology Solar Telescope (ATST) will be a world-class, 4 meter optical telescope that will serve the solar physics community to the middle of the 21st century and beyond. We will outline a "balanced portfolio" of assets that will maximize the potential of the ATST and keep ground-based solar astronomy a healthy, growing field

We will also consider how to best ensure that decadal survey priorities for ground based solar astronomy are followed