

**The Future of Full-Disk Photometry at the San Fernando Observatory (SFO)**

*Gary A. Chapman [gary.chapman@csun.edu], Debi P. Choudhary, and Angela M. Cookson; San Fernando Observatory, California State University – Northridge, CA, USA*

The National Science Foundation (NSF) continues to value ground-based, multi-wavelength, full-disk photometry as both a scientific research and an educational tool. NSF has funded a new CCD telescope, representing the next generation of solar photometry at the San Fernando Observatory and due to come on-line mid-2018. Initially running side-by-side with the existing linear diode array telescopes that have operated for the past 30+ years, the new 2048x2048 telescope will eventually replace these telescopes as they age out. SFO looks forward to many more years of full-disk photometry that will continue to contribute to solar irradiance and climate studies.