

Commission B6 Activity: Astronomical Photometry and Polarimetry

Results from many automated photometric telescopes continue to become available. Astrometry and Astrophysics in the GAIA Sky (IAUS 330), April 24-28, 2017 was the most recent meeting to review the now first 2.5 years of Gaia activities and to present and discuss the first scientific results derived from the first GAIA data release.

The polarization community is looking forward to their largest meeting, Astropol 2019 in Hiroshima, Japan. The recent workshop 'Cosmic Polarimetry from Micro to Macro Scales', Feb 17-18, 2017, covered essentially all spectral regions, with a balanced program of theory, observational results and instrumentation development.

J. Allyn Smith and collaborators are continuing an effort to characterize DA white dwarfs to use as absolute flux calibrators, currently concentrating on the Dark Energy Survey footprint. Abhijit Saha and collaborators are continuing their semi-parallel effort to develop faint DA standards using HST, also for large survey calibration. Stubbs and collaborators continue development of new flat fielding techniques to support the Large Synoptic Survey Telescope project.