Polarimetry of small bodies of the Solar System with small, midsize, and large telescopes

Stefano Bagnulo

Armagh Observatory & Planetarium, UK.

I will review the recent polarimetric observations obtained from various observing facilities, including in particular the description of a large database of polarisation spectra of asteroids, as well as recent observations of comet 67P, the target of the mission Rosetta. I will discuss the accuracy that has been achieved with the various instruments, and discuss the various scientific cases for the use of telescopes with different sizes.