LATEST RESULTS FROM THE DODO SURVEY: IMAGING PLANETS AROUND WHITE DWARFS

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The aim of the Degenerate Objects around Degenerate Objects (DODO) survey is to search for very low mass brown dwarfs and extrasolar planets in wide orbits around white dwarfs via direct imaging. The detection of a planet around a white dwarf would prove that such objects can survive the final stages of stellar evolution and place constraints on the frequency of planetary systems around their progenitors (with masses between 1.5 - 8 solar masses, i.e., early B to mid F). This talk presents the latest results of our multi-epoch J band common proper motion survey of nearby equatorial and northern hemisphere white dwarfs.