

## LINEAR AND CIRCULAR POLARIZATION OF THE POLLUTED ZZ PSC

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This talk presents the linear and circular polarization results of ZZ Psc (G29-38, WD 2326+049) measurements obtained with the POLISH2 polarimeter at three telescopes; 8-m Gemini North, 3-m Shane and 1-m Lick. ZZ Psc is a nearby, pulsating DA white dwarf with infrared excess caused by the circumstellar dust. POLISH2's photoelastic modulators, employed instead of rotating waveplates or ferroelectric liquid crystal modulators, offer the unprecedented ability to achieve sensitivity and accuracy of order one ppm (0.0001%), which are difficult to obtain via conventional instruments. We detect WD pulsations as well as polarimetric changes correlated with the pulsations. We compare our results with the HIPPI-2 polarimeter measurements presented by Cotton et al. (2020).