

# SPECTROPHOTOMETRIC ANALYSIS OF HYDROGEN RICH MAGNETIC WHITE DWARF STARS

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About 10-15% of white dwarf stars are categorized as magnetic (MWD). Although spectroscopic, photometric and astrometric data have multiplied over the past decade, no homogeneous analysis of these stars has been performed since Külebi's (2009) study. In this presentation, I will show, based on state-of-the-art models, the results of the analysis of all hydrogen-rich MWDs found in the Montreal White Dwarf Database. The properties of the sample, as well as the structure and evolution of the magnetic field in these stars will also be discussed.