

A SURVEY OF WHITE DWARF MERGER REMNANTS WITH ZTF

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Recent results from Gaia and from stellar population synthesis have shown that a large fraction of single massive white dwarfs is the result of double-degenerate mergers. Finding and characterizing a population of white dwarfs resulting from mergers can help us constrain this fraction as well as understand the properties of merger remnants. Thanks to the Zwicky Transient Facility, we are finding a large sample of massive white dwarfs that are likely remnants of mergers because of their strong magnetic field and short rotation periods. In my talk, I will present the first results of this search as well as some extremely peculiar white dwarfs that stood out because of their fascinating nature.