



Contribution ID: 496

Type: **not specified**

## Higgsino Signals from White Dwarfs in the Inner Galaxy

*Tuesday 14 May 2024 15:15 (15 minutes)*

White dwarfs have long been considered as large-scale dark matter (DM) detectors. Owing to their high density and relatively large size, these objects can capture large amounts of DM, potentially producing detectable signals. In this talk, I will show how we can probe for the first time the elusive higgsino, one of the remaining supersymmetric DM candidates that is largely unconstrained, using the white dwarf population within the Milky Way's central parsec combined with existing gamma-ray observations of this region.

### Mini Symposia (Invited Talks Only)

**Author:** FERNÁNDEZ ACEVEDO, Javier (SLAC)

**Presenter:** FERNÁNDEZ ACEVEDO, Javier (SLAC)

**Session Classification:** Dark Matter

**Track Classification:** Dark Matter