

# Direct detection of ultralight dark matter with charged lepton flavor violation

*Saturday 19 April 2025 17:05 (25 minutes)*

I will discuss a class of ultralight dark matter models with charged-lepton-flavor violating couplings that can induce potentially observable time-dependent signals at the intensity frontier. I will highlight the sensitivity of current/future experiments and outline possible UV completions.

**Presenter:** MENZO, Tony

**Session Classification:** Afternoon contributed talks (chairperson S. Gardner)