

## **Dark matter detection via atomic interactions**

Despite the abundance of experimental searches for dark matter (DM), there is no confirmed detection to date. However, we can utilise the precision that atomic physics allows to search for interactions between DM and atomic systems. In this work, I will discuss the prospect for DM detection with atomic systems, the tools needed to accurately assess the possibility, and potential implications for experimental searches.

**Authors:** CADDELL, Ashlee (The University of Queensland); ROBERTS, Benjamin

**Presenter:** CADDELL, Ashlee (The University of Queensland)

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