

Development of the Mx magnetometer toward the search for dark matter (#1)

Thursday, 14 March 2024 12:30 (10 minutes)

“Dark matter is one of the mystery of modern particle physics and cosmology. We have studied the method to search for dark matter using ultracold atoms. Recently, we developed the Mx magnetometer to estimate the magnetic field around the trap region. In this poster, we report our current status and experimental results.”

Presenter: AOKI, Takatoshi (The University of Tokyo)

Session Classification: Poster