

The ORGAN Experiment: Phase 1 results

The ORGAN experiment is a microwave cavity axion haloscope that searches for dark matter particles called axions. The experiment's initial phase sets an upper limit on the coupling between axions and photons, excluding a specific axion-like particle model for dark matter within a certain mass range. The recent phase 1b search further excludes the same model within a different mass range.

Author: QUIKAMP, Aaron (The University of Western Australia)

Presenter: QUIKAMP, Aaron (The University of Western Australia)

Track Classification: Precision Tests on Fundamental Physics