

Prospects for Detecting High-Energy Dark Matter with Paleodetectors

Wednesday, April 15, 2026 4:45 PM (30 minutes)

Paleodetectors offer a novel approach to dark matter searches by recording damage tracks produced by rare scattering events over geological timescales. In this talk, I discuss the prospects for probing boosted or heavy dark matter with paleodetectors, especially with a focus on the proposed DMica concept.

Do you plan to give the talk in person?

No

Author: MURASE, Kohta

Presenter: MURASE, Kohta