ICHEP 2016 Chicago



38th INTERNATIONAL CONFERENCE ON HIGH ENERGY PHYSICS

AUGUST 3 - 10, 2016 CHICAGO

Contribution ID: 1740

Type: Oral Presentation

Status and Prospect for NaI dark matter experiments

Sunday 7 August 2016 15:20 (30 minutes)

Astrophysical observations give overwhelming evidence for the existence of dark matter. The DAMA collaboration has asserted for years that they observe a dark matter-induced annual modulation signal in their NaI(Tl)-based detectors, while other direct detection dark matter experiments have seen no indications of a signal. I will describe the current status and prospect for alternative low-background NaI(Tl)-based dark matter experiments, and their proposed strategies for resolving the current stalemate in the field.

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Session Classification: IBS-US