

Resolving DAMA

Friday 31 March 2023 11:30 (15 minutes)

Since the DAMA collaboration first made their claim for detection of dark matter in the late '90s, there have been many speculations as to sources of their annual modulation signal. Since then, many of the hypotheses have been ruled out. In addition, direct detection dark matter experiments using various target medium, including those that use the same target of NaI(Tl), have ruled out dark matter as the source of the annual modulation observed in DAMA/NaI and DAMA/LIBRA. I will discuss the status of the ongoing efforts and summarize the status of the field.

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Session Classification: SESSION 11: Direct Detection: status of crystalline WIMP detectors (CHAIR: Bernard Sadoulet - Berkeley)

Track Classification: Non-directional direct dark matter detection