



ASTROPHYSICS SEMINAR SERIES

"The Galactic center 130 GeV line: WIMP or artifact?"

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Refreshments at 3:30pm in CAS 500
Talk begins at 4:00pm in CAS 502

Abstract:

The recent claims of a gamma-ray line in the Galactic center at 130 GeV has generated excitement, not least because it could be a signal of dark matter annihilation. I will summarize the current state of the observations of the Galactic center, clusters, and unassociated halo objects, and speculate about models of particle dark matter that could explain the data.