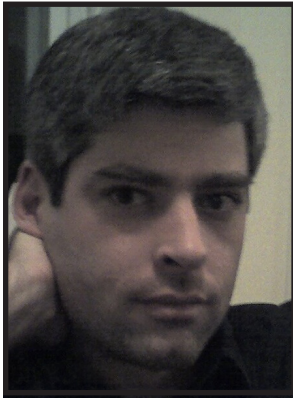




PHYSICS COLLOQUIUM

Hot On The Trail of Particle Dark Matter



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Fermilab

Host: Balantekin

Abstract: For seventy years, evidence has steadily grown that much of the Universe's mass is non-luminous. Still today, however, we have not identified what makes up this mysteriously dark substance. Many experimental programs that hope to change this are underway, including deep underground detectors, gamma-ray telescopes, neutrino and anti-matter detectors, as well as particle colliders. Each of these efforts are searching for clues of dark matter's identity. With the new technologies needed to observe these particles rapidly developing, the hunt to discover dark matter's identity is well underway.

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