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Type: **invited presentation**

Feebly Interacting Particles in the MeV-GeV range: experimental landscape

Wednesday 10 September 2025 09:00 (30 minutes)

Particle physics today faces the challenge of explaining the mystery of dark matter, the origin of matter over anti-matter in the Universe, the origin of the neutrino masses, the apparent fine-tuning of the electro-weak scale, and many other aspects of fundamental physics. Perhaps the most striking frontier to emerge in the search for answers involves new physics at mass scales comparable to familiar matter, in the MeV - GeV range. I will review the current results and the experimental prospects for their searches at beam dump, fixed-target, and collider-based experiments.

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