

## Low energy avenues in sub-MeV dark matter searches

*Friday, 2 February 2024 10:40 (35 minutes)*

I will present two complementary ideas to look for sub-MeV dark matter: superfluid helium-4 and anti-ferromagnetic materials. I will discuss advantages and possible difficulties, and argue that a prominent theoretical tool to tackle these problems should be Goldstone's theorem for spontaneously broken spacetime symmetries.

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