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## Pseudo Nambu-Goldstone bosons as dark matter candidates

*Friday 20 September 2013 09:30 (25 minutes)*

I will argue that, besides the axion, there are other pseudo Nambu-Goldstone bosons that are suitable candidates for the dark matter.

Their mass and interactions can be connected to the electroweak scale, and in this case the dark matter properties

are interlaced with the properties of the Higgs boson.

In particular, I will discuss the possibility that both the Higgs and the dark matter are composite states, showing how compositeness modifies the usual WIMP phenomenology.

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