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keV Sterile Neutrinos as Dark Matter

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In the absence of a clear WIMP signal, we should think about alternative candidates for Dark Matter. A very well motivated example is a (up to now hypothetical) sterile neutrino with a mass of a few keV. In this talk, I will give an overview over the topic of keV sterile neutrino Dark Matter, with a particular focus on Dark Matter production in the early Universe and on phenomenological considerations. While WIMPs are not dead yet, they have to learn how to live in the neighbourhood of serious competitors.

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