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neutrinos, dark matter & dark energy physics

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Dark Matter in light flavored U(1)' gauge models

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In this talk I will discuss the possibility of obtaining a viable Dark Matter candidate in the context of a gauged, anomaly-free, flavor dependent U(1)' symmetry. I will discuss the relic density constraints, as well as the direct detection and neutrino physics input to the model. Possible detection at future experiments, such as SuperCDMS SNOLAB, is also considered.

arXiv number (if applicable)

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