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Cosmological constraints on neutrinos and other light relics

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In this talk I will discuss how observations of the cosmic microwave background and of cosmological large-scale structures can be used to constrain the properties of neutrinos and other light relics. I will focus on “new physics” scenarios (e.g. beyond-standard-model neutrino interactions, axion-like particles...). I will further discuss detection prospects from forthcoming cosmological observations.

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