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Phase transition and gravitational wave in strongly-coupled dark gauge sectors

Thursday, 26 August 2021 17:40 (20 minutes)

Dark gauge sectors are well-motivated extensions of the Standard Model which may have interesting cosmological consequences. In this talk I will discuss the treatment of confinement and/or chiral phase transitions in dark QCD-like sectors, using Polyakov-extended chiral effective models. The implication for gravitational wave signatures in these type of theories will be explored.

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