

Latest Gravitational Wave constraints on cosmic strings

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Cosmic strings are line-like topological defects which may be formed in phase transitions in the early universe. Among their numerous observational signatures, they emit gravitational waves, notably at cusps and kinks where the strings have high Lorentz factors. In this talk, we review the theoretical and the observational status of cosmic strings today, and focus in particular on the latest gravitational wave constraints coming from Advanced LIGO/Virgo.