Generation, evolution, and observations of cosmological magnetic fields

Contribution ID: 75

Type: not specified

Magnetogenesis form axion-U(1) preheating

Thursday 2 May 2024 14:00 (1 hour)

I will review the numerical results that demonstrate efficient preheating of an axion-inflaton to photons and the prospects for magnetogenesis. I will also discuss possible correlated observables and possible connections to SM and BSM physics.

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