

Reheating dynamics of dark sectors

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As the nature of dark matter remains unresolved, existence of a whole dark sector is an intriguing possibility. It is also natural to assume that such dark sector couples to inflationary dynamics. As an example, we consider the case of warm axion inflation coupled to a non-Abelian dark sector, both in weakly and strongly coupled regime. We show that this simple setup provides rich phenomenology, possibly with interesting gravitational wave signatures.

Would you be interested in presenting a poster? (this will not impact the decision on your talk)

yes

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