

# Axionless solution to the strong CP problem

*Tuesday 13 January 2026 11:00 (1 hour)*

The strong CP problem in QCD remains one of the most compelling puzzles in particle physics, traditionally addressed through the Peccei–Quinn mechanism and the axion. In this talk, I will present a 2HDM extension of the Standard Model, where CP is spontaneously broken, offering a viable and testable approach to resolving the strong CP problem without invoking an axion.

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