

From instantons to axions: a lattice perspective

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Axions are hypothetical particles that solve the strong CP problem, and contribute to the dark matter at the same time. A key input is the axion potential, that depends on the topological susceptibility in quantum chromodynamics. I discuss various lattice computations to the calculation of this quantity and its impact on the axion search.

Primary author(s) : Dr BORSANYI, Szabolcs (University of Wuppertal)

Presenter(s) : Dr BORSANYI, Szabolcs (University of Wuppertal)

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