

Seminar

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Topological properties of high-temperature QCD and axion cosmology

Lattice QCD simulations are the ideal tool to study non-perturbative properties of QCD related to topology and theta-dependence, which are strictly linked to the physics of the QCD axion. However, lattice studies going deep into the high-temperature regime, which is relevant to axion cosmology, have to face hard numerical difficulties. I will review the main challenges and discuss possible solutions and recent results.

Tuesday, 04.12.2018, 14:15 Uhr

Place: D6-135