

## QFT\_HEP on the lattice

*Friday, 15 December 2017 17:30 (20 minutes)*

We summarize the lattice activities within the I.S. QFT\_HEP: concerning 'Quark Gluon Plasma', we focus on the LHC working region and study equation of state, topology and bottomonium suppression; for 'Strong Interaction Beyond the Standard Model', we study models with scale hierarchy which may be relevant for composite Higgs extensions of the SM, and we use our topology results to explore axion cosmology; finally ('Computational strategies and theoretical developments') we propose new approaches to spectral functions and to dense systems.

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