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Spectral information from T>0 lattice QCD and in-medium quarkonium

Thursday 12 September 2019 13:30 (50 minutes)

The extraction of spectral functions from Euclidean correlator data, simulated non-perturbatively at finite temperature, using first principles lattice QCD is a central challenge of modern high energy nuclear physics. In this talk I will first discuss different theoretical approaches, currently deployed to attack this problem, before showcasing recent progress and outstanding challenges in the context of in-medium heavy quarkonium physics.

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