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Non-perturbative characteristics of spectral functions at finite temperature

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For QFTs at finite temperature spectral functions describe how particle systems behave in the presence of a thermal medium. Here we report on recent progress regarding the non-perturbative constraints imposed by causality on these objects, and discuss how this information can be used to extract spectral properties from Euclidean data.

Author: LOWDON, Peter

Presenter: LOWDON, Peter

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