

Transport coefficients for heavy quarks and quarkonia

Friday, 19 January 2024 09:00 (50 minutes)

In this talk I concentrate on two very important coefficients in the open-quantum system description of quarkonium in media, namely the mass shift γ and the width κ . I illustrate recent developments related to the differences in the definitions pertaining to heavy quarkonia and to isolated heavy quark and I discuss their impact on perturbative, lattice and holographic determinations.

Presenter: GHIGLIERI, Jacopo (SUBATECH, Nantes)