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## High-temperature effective field theories and the bubble wall speed

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In the study of the equilibrium properties of high-temperature phase transitions, effective field theories have been extremely fruitful. On the one hand, they make possible nonperturbative lattice simulations, which yield unambiguously reliable results up to small statistical uncertainties. On the other hand, by knitting together chains of effective field theories, perturbative predictions for first-order phase transitions can be made to converge towards lattice results to high accuracy. For the bubble wall speed, the same hierarchies of scales are present, plus more, each with their own effective description. In this talk, I will give an overview of where and how these different scales arise in computations of the bubble wall speed, and what we can learn from recent progress in the context of equilibrium physics.

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