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Higgs-like phase transitions, nonperturbatively

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In the study of cosmological phase transitions, even apparently weakly coupled theories develop strongly coupled sectors. For static equilibrium quantities, lattice and effective field theory methods have been developed to tackle this which are able to yield unambiguously correct results up to small errors. For real-time quantities, the problem is more complicated. In this talk, I will review approaches to using lattice simulations for studying real-time bubble dynamics.

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