

## Causality Bounds on EFTs

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In this talk, I will introduce a method to bound higher order operators of Effective Field Theories (EFTs) by assuming causal propagation in the IR. I will give two examples of these bounds; one is in scalar EFTs and the other one is in photon EFTs. In these examples, we will see how causality bounds can be similar or complementary to positivity bounds, which are derived using UV assumptions, in different regions of the Wilson coefficient space.