



Department of
Theoretical Physics

THE QUANTUM SPACETIME SEMINAR SERIES

Causality constraints in Conformal Field Theory

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(Duration and Location are subject to irreducible jitter)

Causality places non-trivial constraints on QFTs in Lorentzian signature, for example fixing sign of certain terms in the low energy Lagrangian. For the case of CFT, We show how such constraints are encoded in crossing symmetry of euclidean correlators and derive analogous analytic constraints.