



Department of
Theoretical Physics

THE QUANTUM SPACETIME SEMINAR SERIES

Bounds on Energy and Transport in Quantum Field Theory

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Date: Jan 07, 2019

Time: 11.30 am

Venue: A-304, TIFR



Local energy density can be negative in QFT, but unitary QFTs obey the averaged null energy condition (ANEC). I will show that this constrains the relaxation to equilibrium in relativistic systems at finite temperature, placing bounds on the viscosity and thermalization length.