Condensed Matter Theory Center Seminar

Tuesday, May 10
11:00 am – 12:30 pm
2205 Toll Physics Building

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"Universal Aspects of Eigenstate Thermalization and Entanglement Dynamics"

Abstract: "Eigenstate thermalization" is a long standing hypothesis which posits that a single eigenstate of a non-localized system hides within itself a thermal ensemble. I will provide evidence for a stronger version of this hypothesis which allows one to extract properties of a generic non-localized system at arbitrary temperatures using just a *single* eigenstate. I will also discuss universal features of entanglement spectrum thermalization in quantum quenches.

Web: http://www.physics.umd.edu/cmtc/seminars.html

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