

CMP Seminar
Michigan State University

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The phase structure of periodically driven quantum systems

Interacting periodically driven or Floquet quantum systems are naively expected to heat up to infinite temperature. In the presence of disorder this can be avoided by the mechanism of many body localization. This then allows multiple non-equilibrium phases to exist in such systems. I will discuss how to define them, what we know about their classification and focus on the subset that are “absolutely stable” and exhibit spatio-temporal order.

Monday, September 12, 2016

4:10 p.m.

BPS 1400

Prof. Mark Dykman - Host