

Colloquium Notice

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Phase transitions in quasiperiodic systems

Electronic wave functions in quasiperiodic systems are intermediate between those in crystalline and random systems. Quasiperiodic systems exhibit Anderson localization, but the properties of the localized state and the localization transition are different from those in random systems. We explore various distinctive aspects of localization in quasiperiodic systems, including a multicritical point in quasiperiodic models with power-law hopping and a semimetal-to-metal phase transition in quasiperiodic Dirac materials.

Monday

October 2, 2017

Starts at 12:15 PM

Coffee at 12:00 PM

Physics Conference Room, SB B326