



复旦大学物理系物质科学报告

Physics Department Colloquium

Basic Concepts in heavy electron materials

(重电子材料中的基本概念)

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Abstract:

Understanding the emergence and subsequent behavior of heavy electrons in Kondo lattice materials is one of the grand challenges in condensed matter physics. In this talk I will review the progress that has been made during the past decade and suggest some directions for future research. I will discuss the basic concepts that emerge from a phenomenological two-fluid description of the key experimental findings and explore how these may lead us to a new microscopic framework of heavy fermion physics.

Time: 2:00pm, Tuesday, 2015.10.27

Location: Physics Building, Room 221B

(Cookies and coffee are served from 1:30 pm)