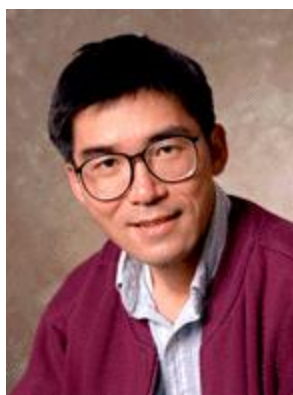


國立清華大學物理學系 演講公告

Title: The effective theory of unconventional superconductors



Speaker: 李東海教授(物理學系77級系友)

Prof. Dunghai Lee (UC Berkley, USA)

Time: 2014/04/27 (Sunday)

10:00~11:30

Place: R620, Physics Building

Abstract:

In this talk I will discuss the meaning of effective theory. I will then show a very simple effective theory captures all the phases that "intertwine" with superconductivity in copper-based, iron-based and heavy fermion superconductors. Using this effective theory I will present a speculative idea that the deeply underdoped cuprates might be topological superconductors. Finally, I will use the same framework to understand the enhancement in the pairing gap in FeSe/STO.

