

# 講演会のお知らせ

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日時： 1月9日（水）16：00～

場所：金研2号館5階セミナー室

“ Kondo resonances and bi-layer  
splitting in high  $T_c$   
superconductors”

## 概要

Recent ARPES data for overdoped Bi2212 are explained in terms of a theory in which a Fermi surface Kondo peak develops out of a quasi-particle band. The superconductive peaks develop from the Kondo resonance. The bi-layer splitting is large enough to produce a bonding hole and an electron anti-bonding quasi-particle Fermi surface. Smaller bilayer splittings observed in some experiments reflect the interaction of the Kondo resonances with quasi-particle states near, but not at, the Fermi surface.