

Invited talk
ALS Photoemission Crosscutting Workshop
July 29-30, 2004, at Berkeley Lab, Berkeley, CA

"What drives the need for better resolution?
How can we get there? Should we get there?"

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Abstract:

I will discuss the need for better resolution in angle resolve photoemission measurements, stressing the new physics that will be uncovered. How to achieve better resolution at a pulsed light source will be discussed. The problem is space charge limitations that can be overcome using multi-detectors, such as time of flight detectors.