

KSG workshop

10 Feb. 2009

# **The ages and metallicities of cluster galaxies as a function of cluster properties**

Lee, Jong Chul

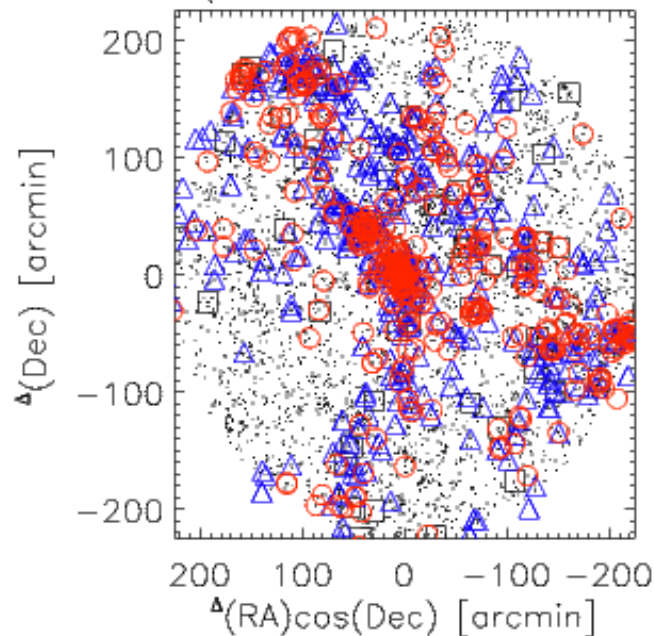
Seoul National University

Co-I : Lee, Myung Gyoon

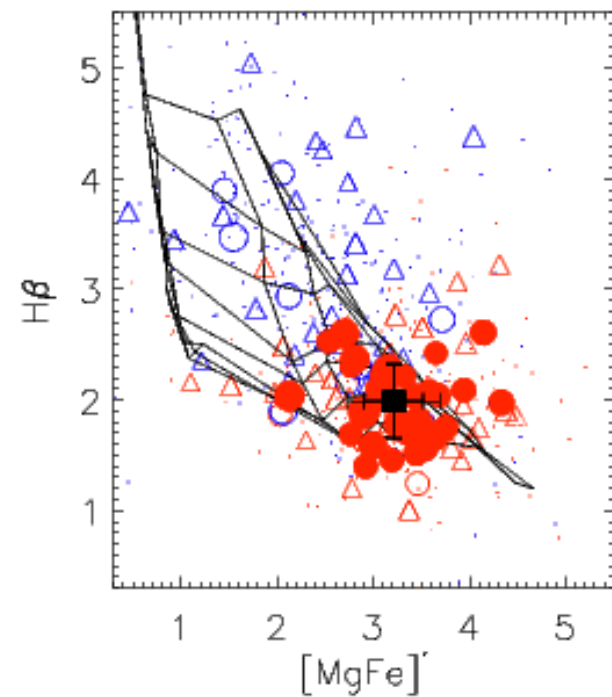
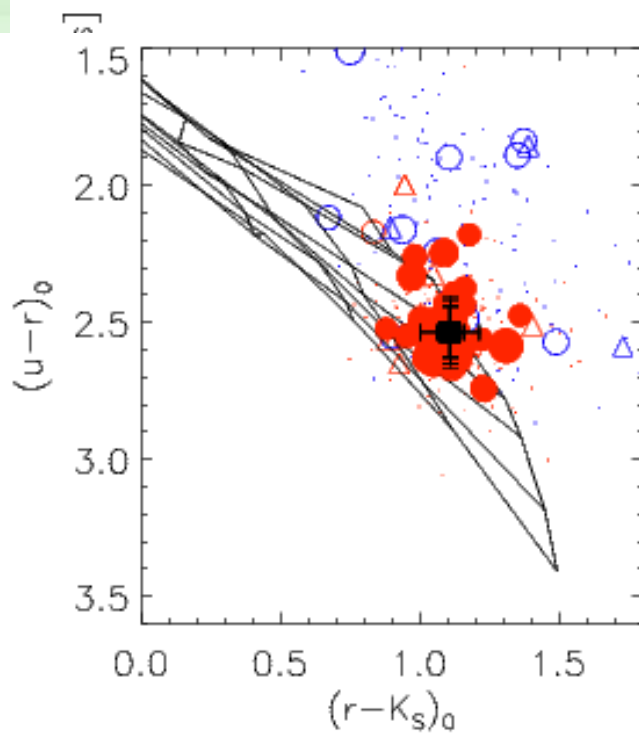
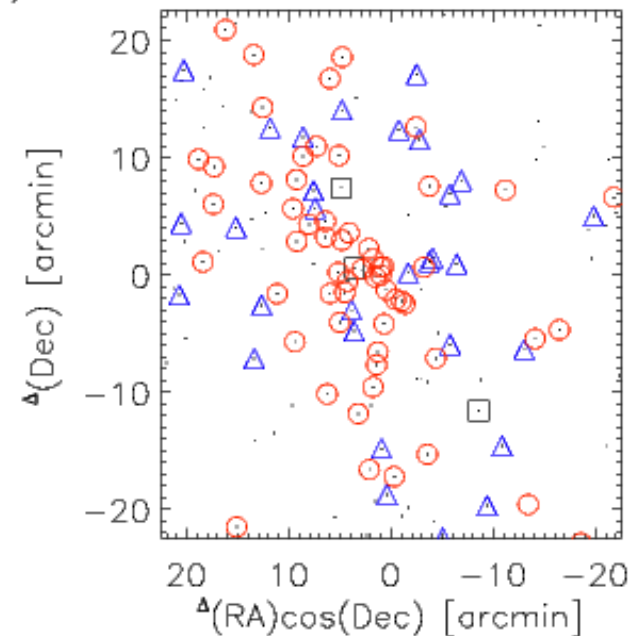
Hwang, Ho Seong

Example  
cluster :  
Abell 1773

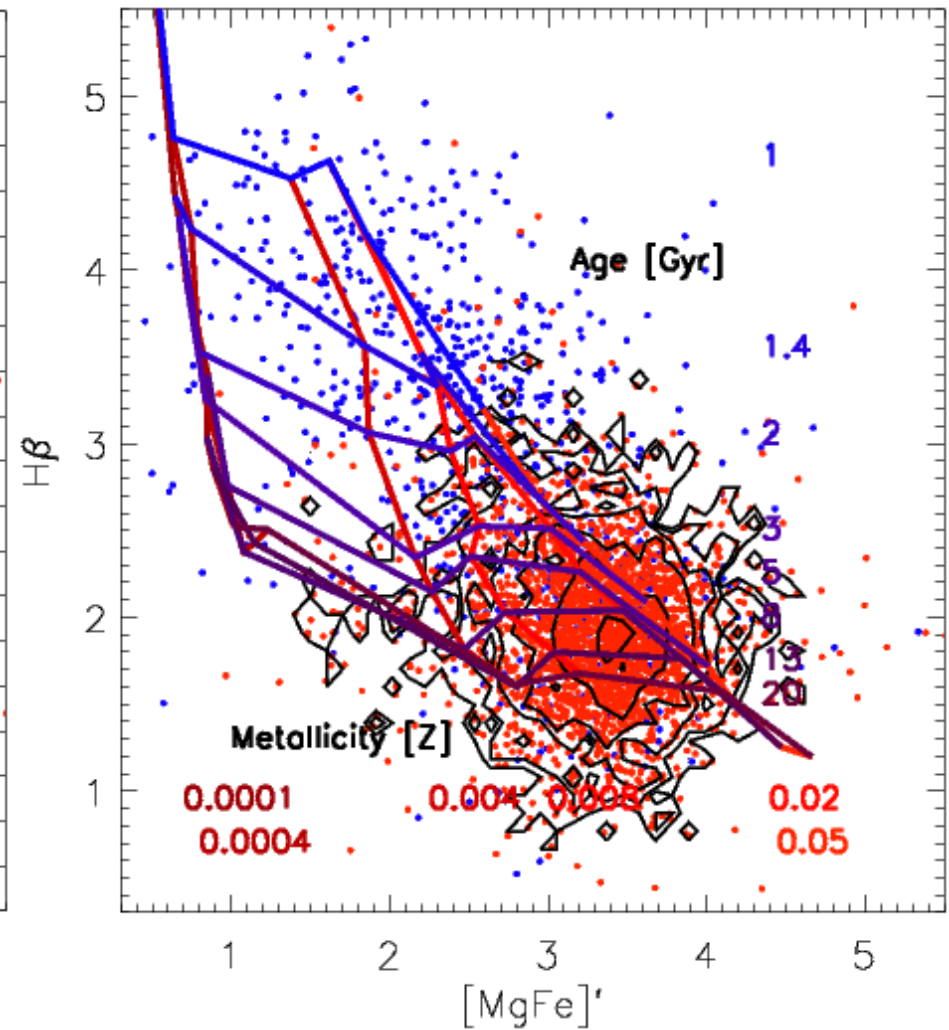
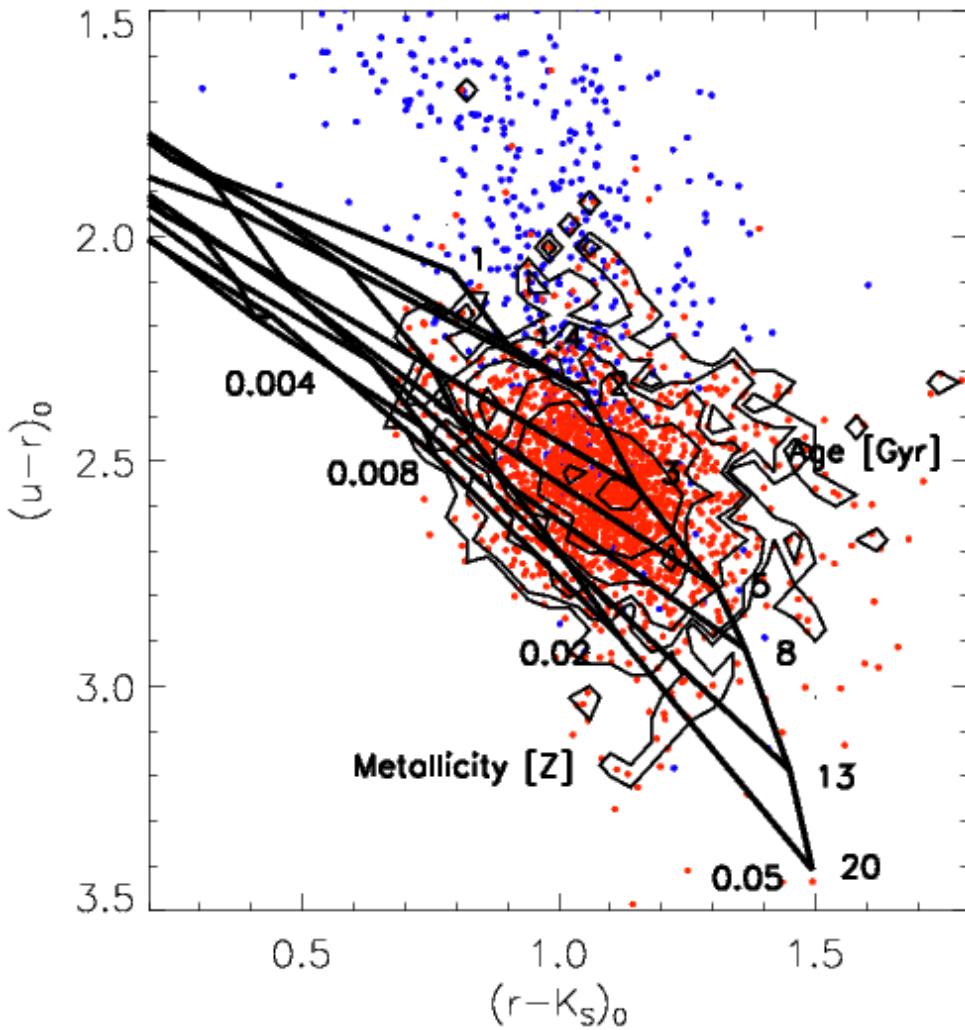
A1773 (205.52,2.2275,0.076,131)



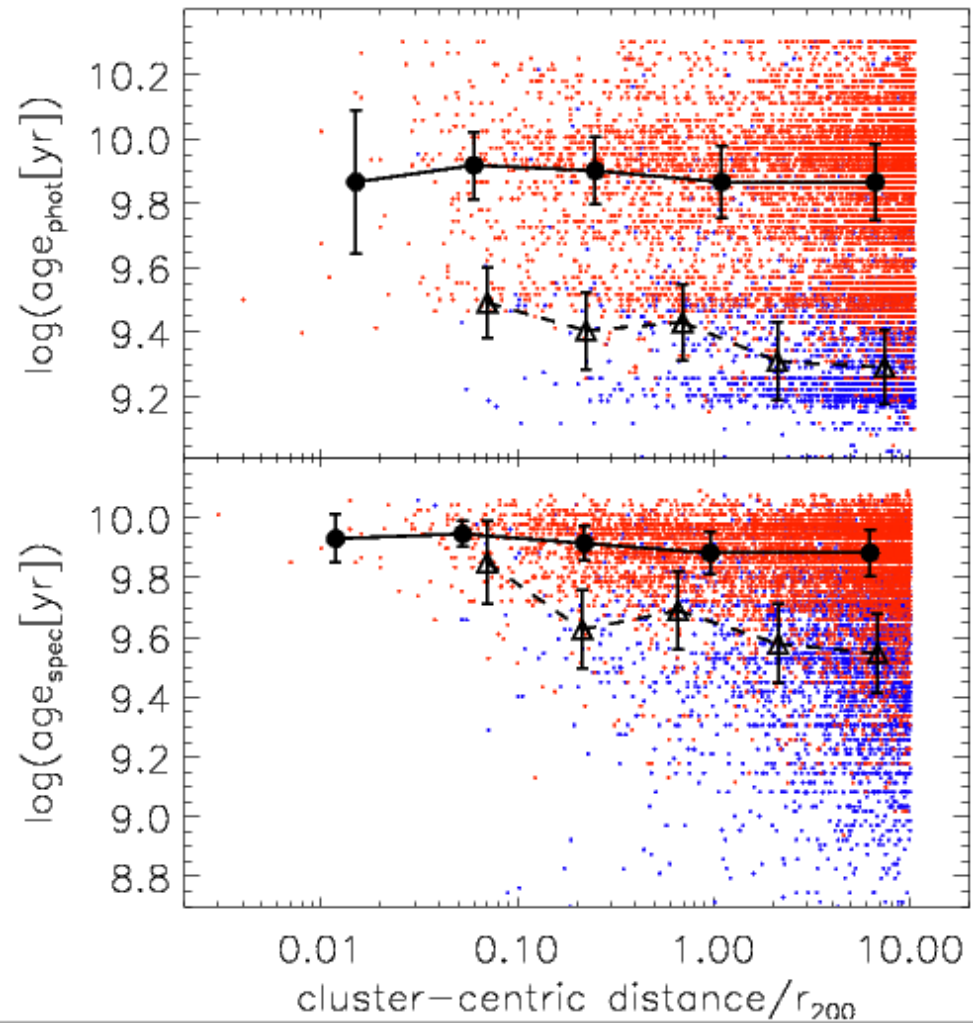
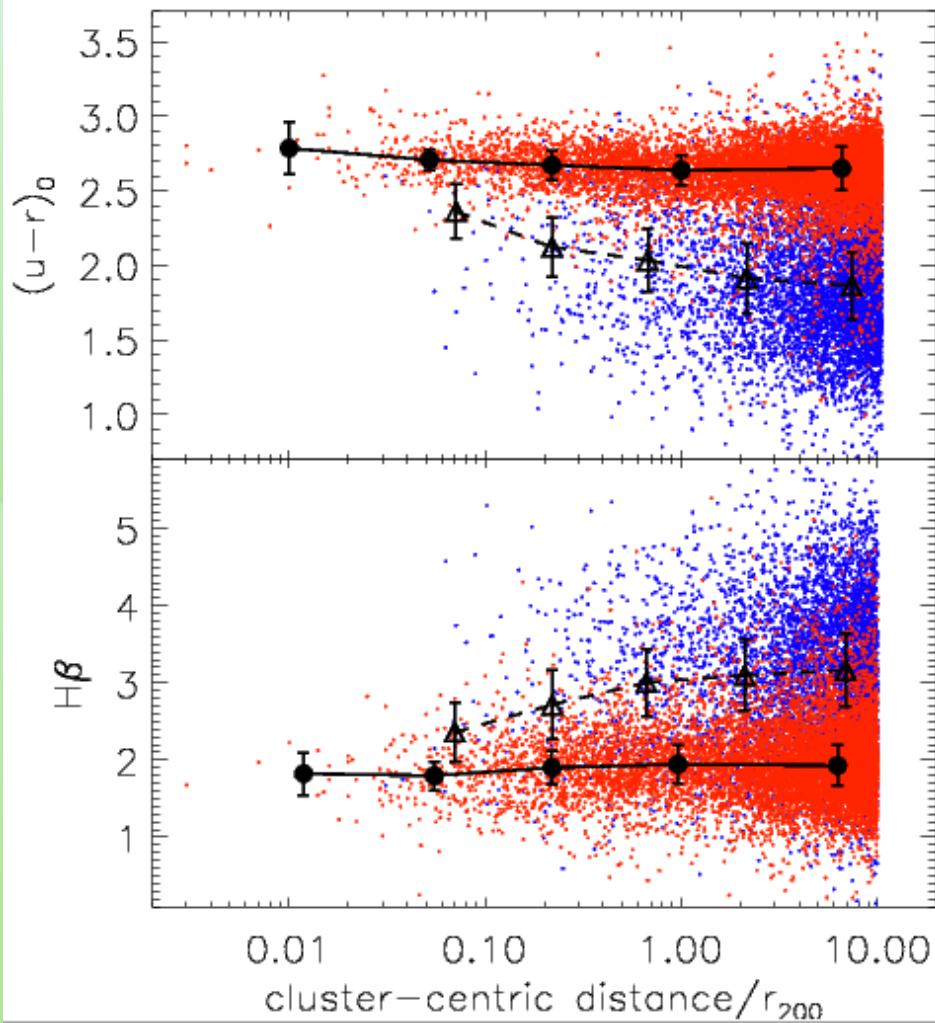
vd=817. Rv=1.37



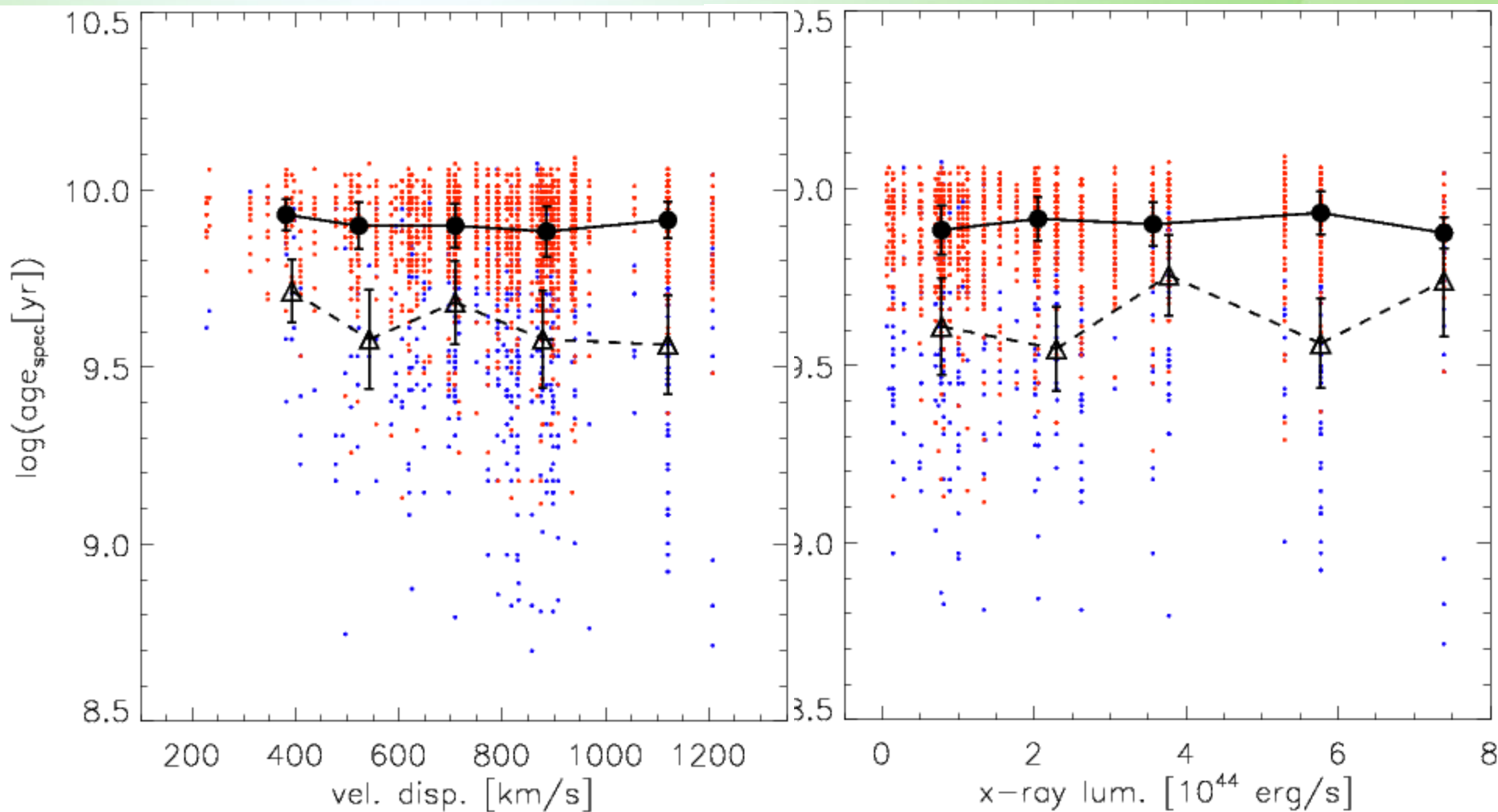
# Cluster galaxy distribution



# Age indicators vs. $r/r_{200}$



# Age<sub>spec</sub> (galaxy property) vs. Cluster properties



# Age<sub>spec</sub> vs. velocity dispersion

