

Condensed Matter Seminar

Professor Frank De Groot
Inorganic Chemistry and Catalysis, Utrecht University, Netherlands

Title: Novel Techniques and Approaches in X-Ray Absorption Spectroscopy

I will discuss some recent advances in X-ray absorption spectroscopy on both its experimental developments and its theoretical analysis. Three issues are discussed:

- (a) X-ray spectromicroscopy under in-situ conditions
- (b) The inclusion of transition metal π -bonds in metal L edge analysis
- (c) The consequences of the improved resolution in metal K edges.

Tuesday October 2, 2007 2:10 to 4:00 PM
Room 416 PHY/GEO