

LYMAN ALPHA EMISSION, GALACTIC OUTFLOWS AND LARGE SCALE STRUCTURE AT HIGH REDSHIFT

Prof. Dawn Erb
University of Milwaukee
Tuesday, March 20, 2012
12:30 P.M. NSH 184

Lyman alpha emission is produced in the HII regions of galaxies, and modulated both spectrally and spatially by resonant scattering. I will discuss the relationship between Ly α emission and large-scale galactic outflows, correlations between the Ly α properties of galaxies and their stellar populations and redshifts, and the use of other resonance lines to study the outflows. I will also discuss spatially extended Ly α emission and its association with the formation of massive galaxies and large-scale structure.

Astrophysics
Seminar

All interested
persons are
cordially
invited to
attend.