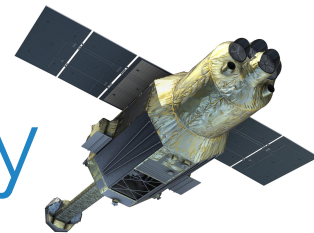
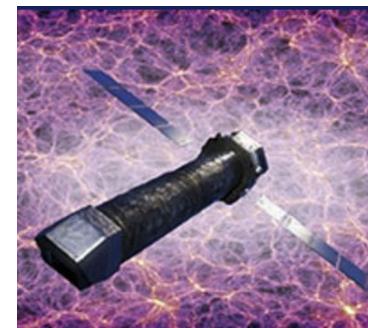
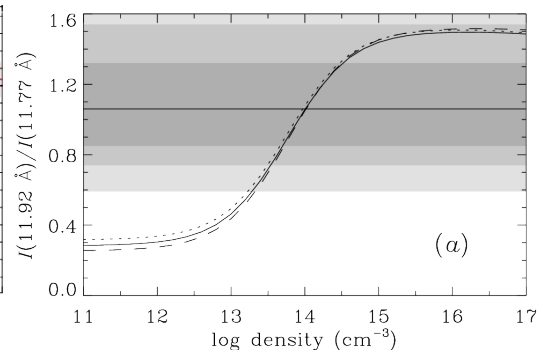
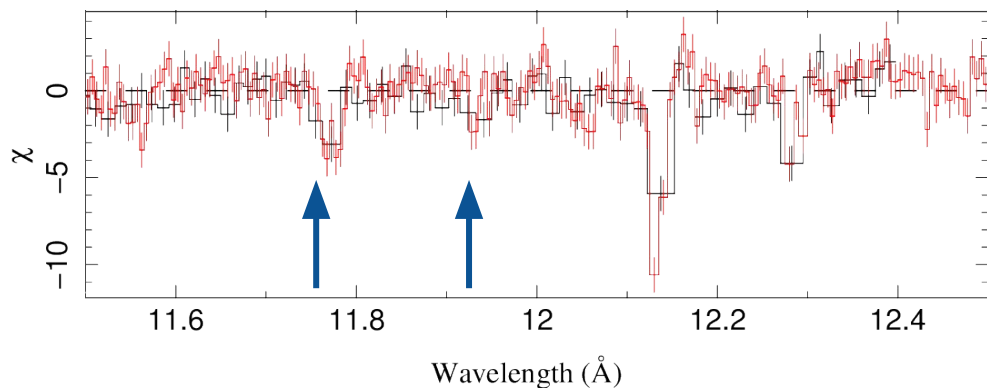


AGN feedback studied with high resolution X-ray spectroscopy



Anna Ogorzalek, Stanford University



Do SMBH outflows affect galaxy evolution?

- ▷ Spectral density diagnostics physically associated with wind
- ▷ Density, ionization, and velocity structure of the outflow
- ▷ Material and kinetic energy deposited onto the galaxy bulge

How do we take full advantage of future high-res X-ray missions?

- ▷ Models of photoionized and collisional plasma
- ▷ Atomic databases
- ▷ Subtle, yet powerful physical effects and the proper treatment of uncertainties