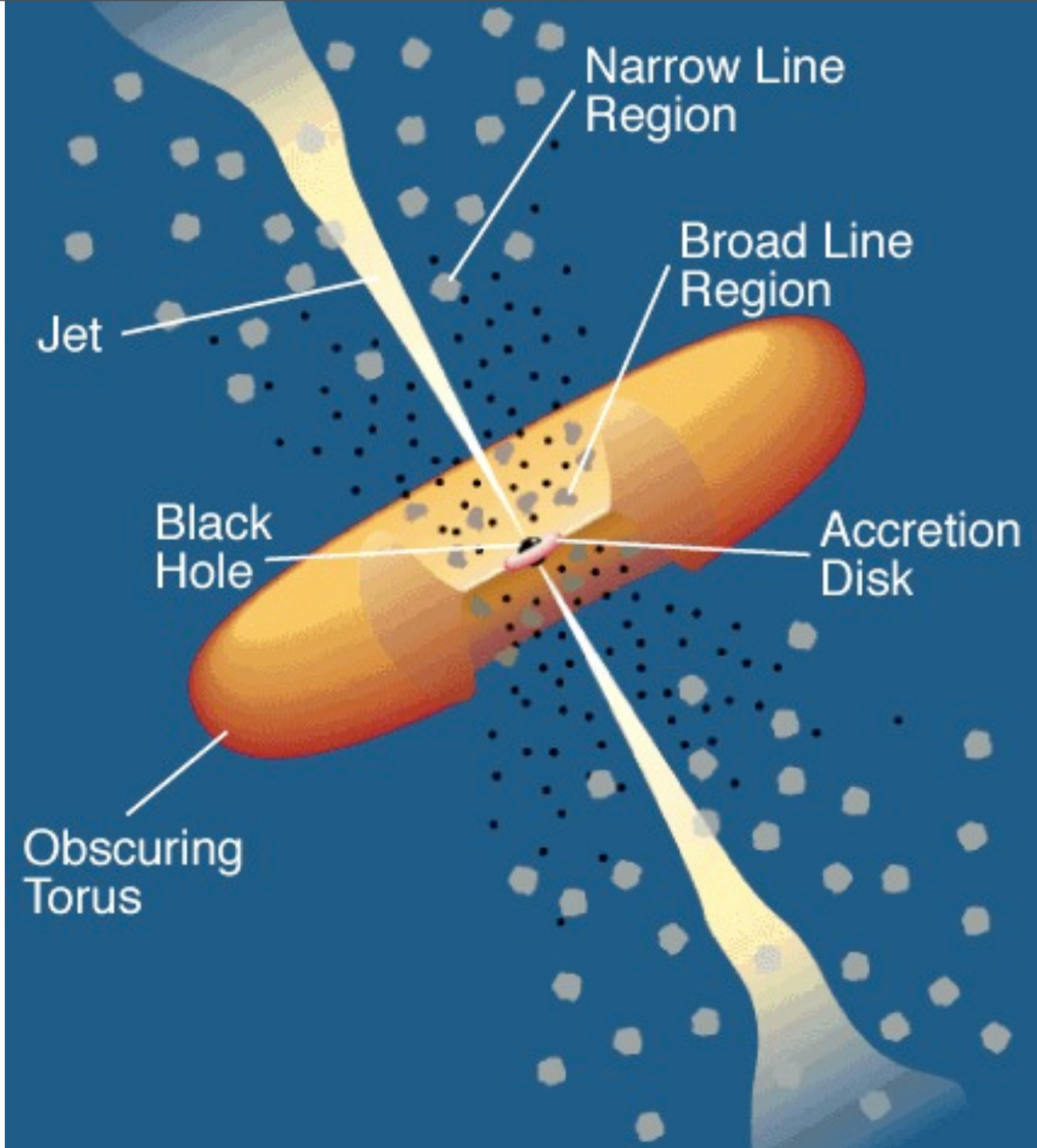
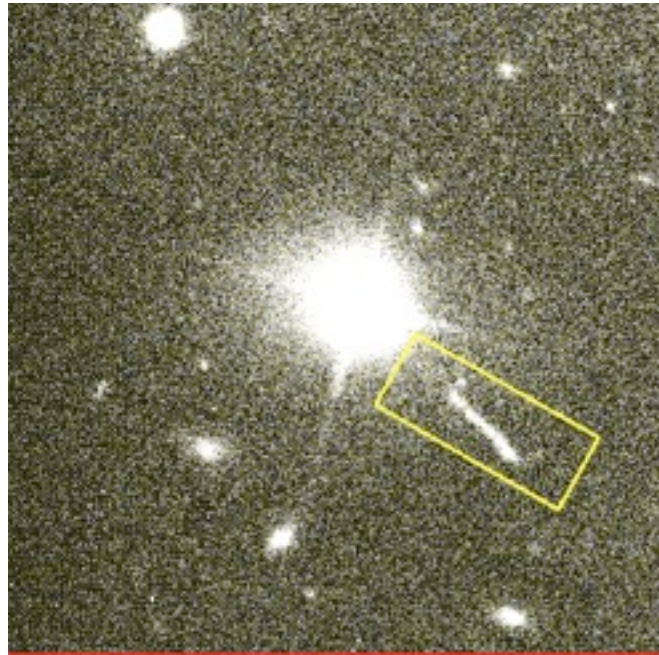


Astro 220: Galaxies and cosmology

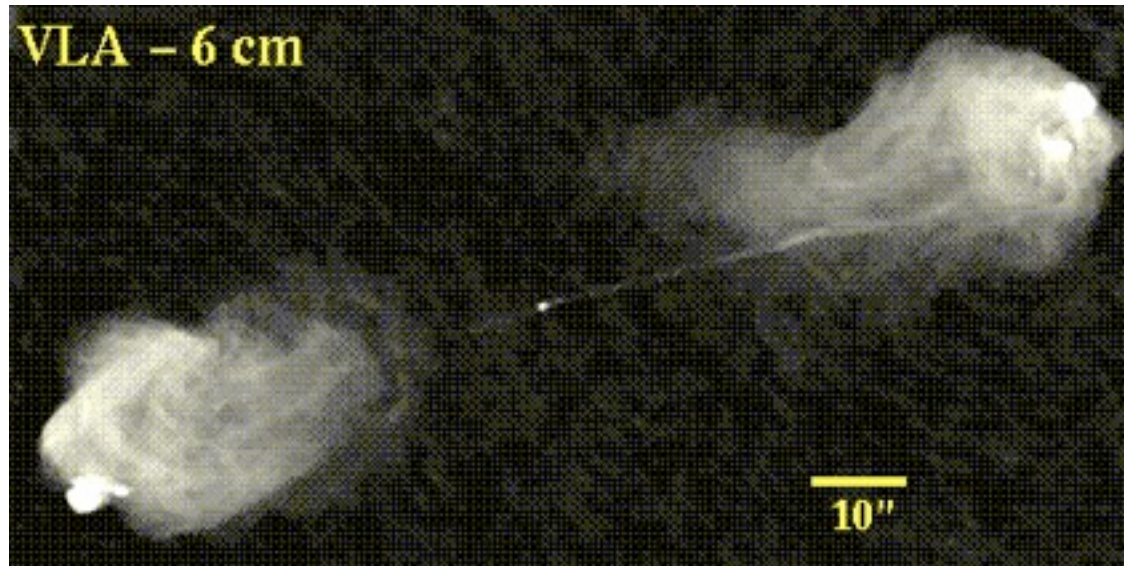


Oct 25 2010

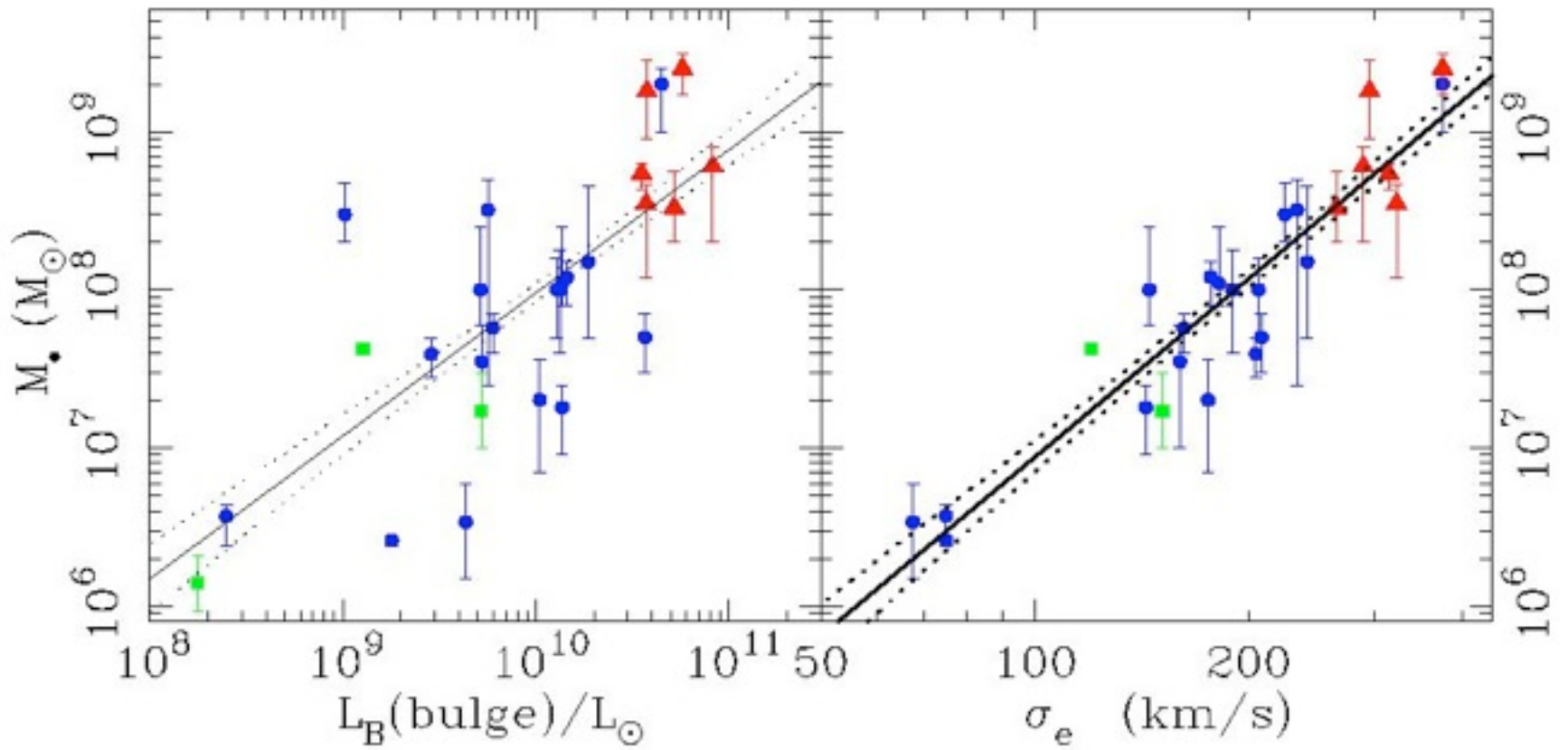




Type I



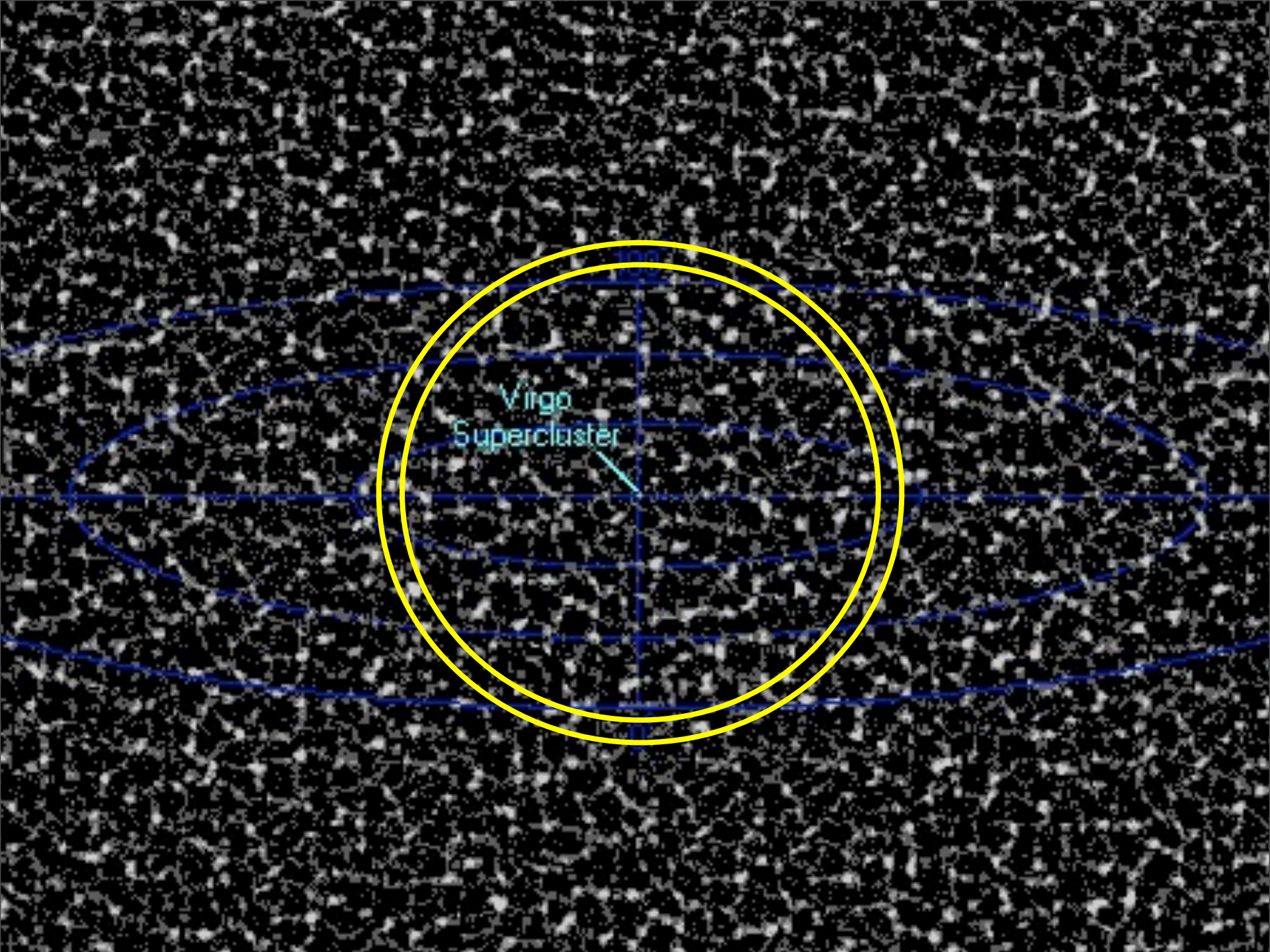
Type II



Gebhardt et al 1999
 (also: Ferrarese & Merritt 1999)

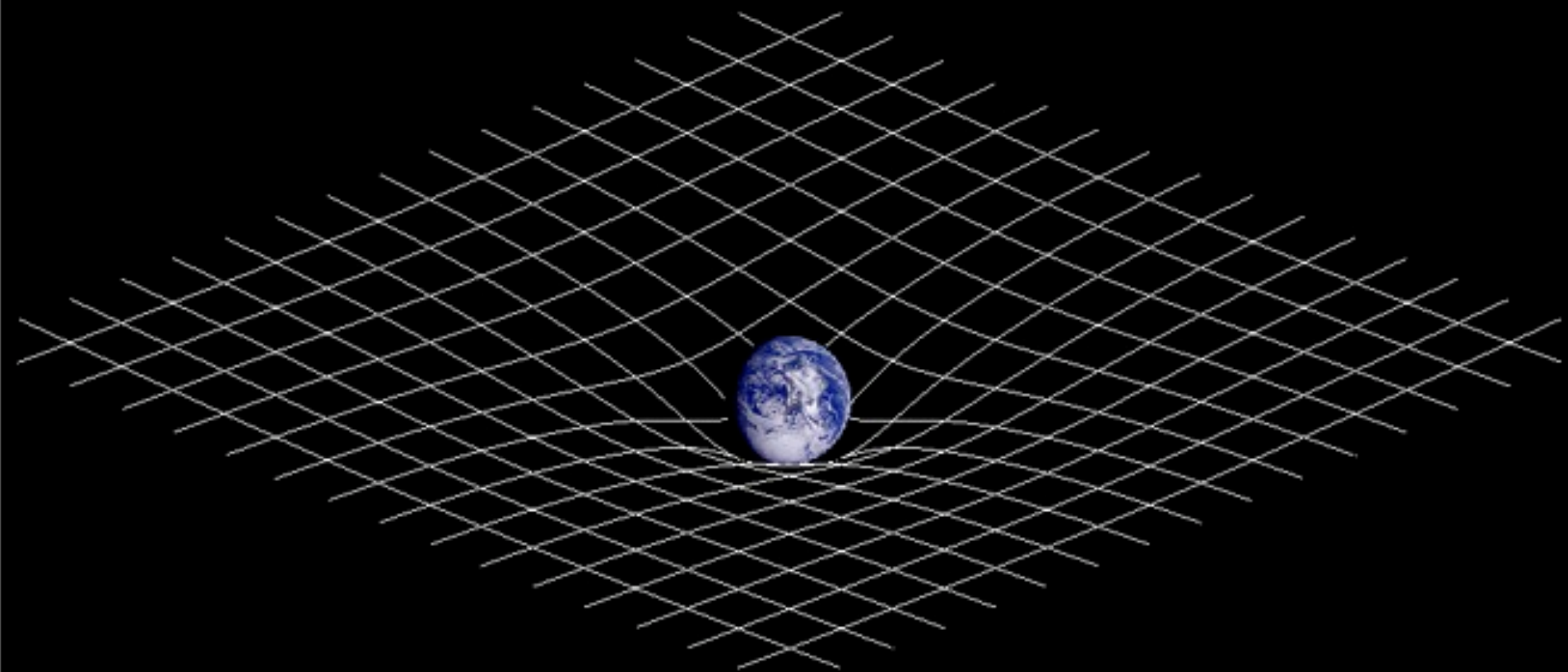


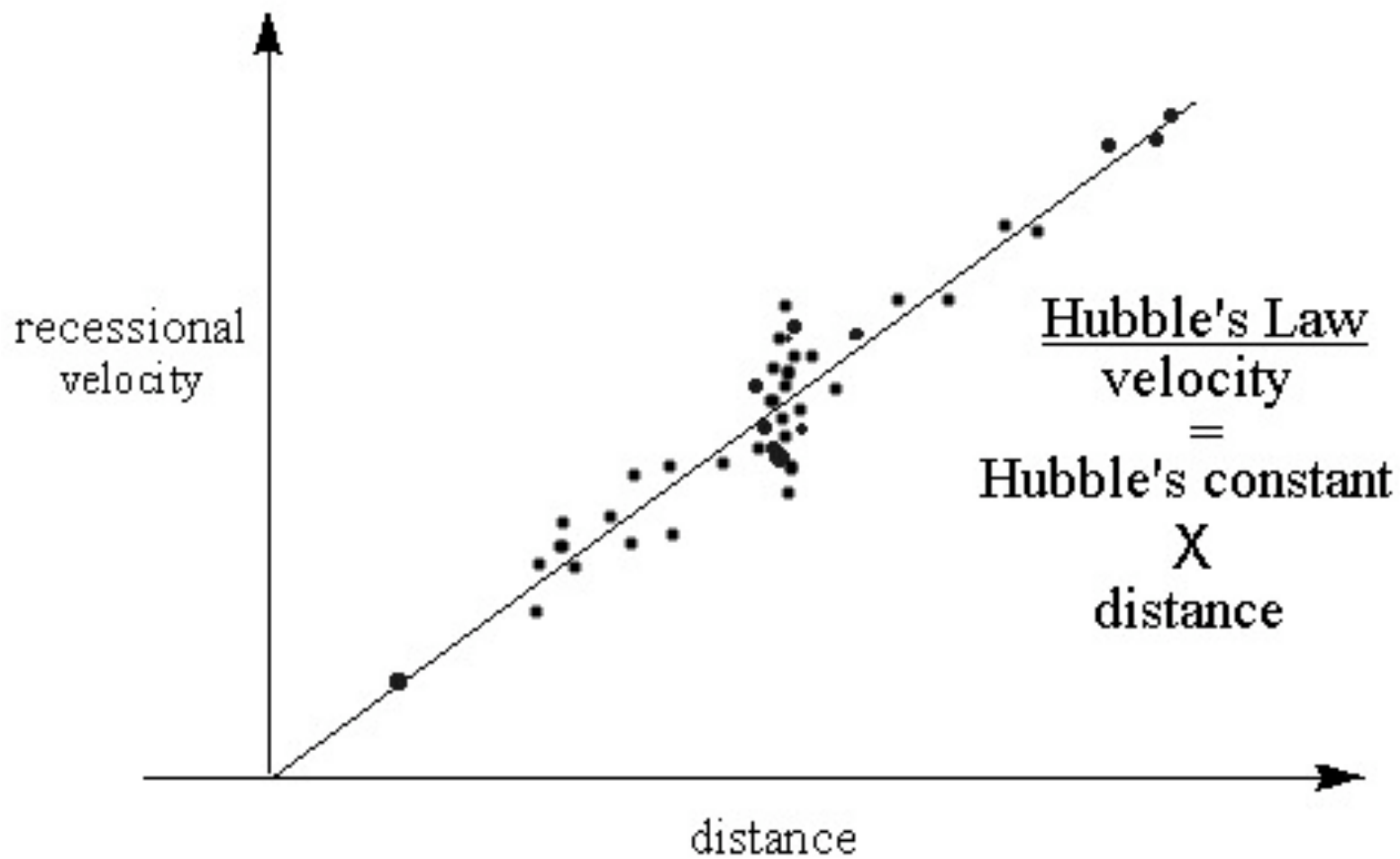
Johannes Kepler (1571-1630)

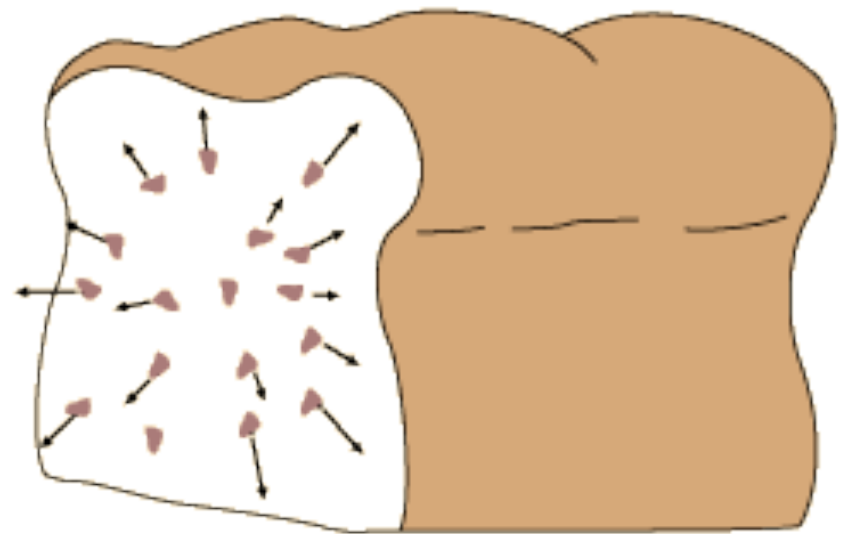
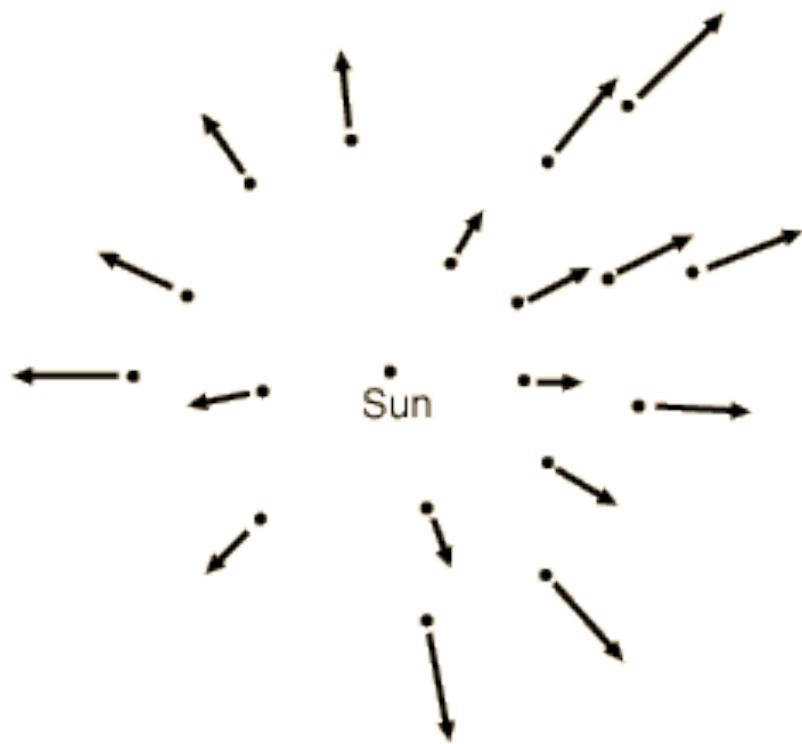




Albert Einstein (1879-1955)

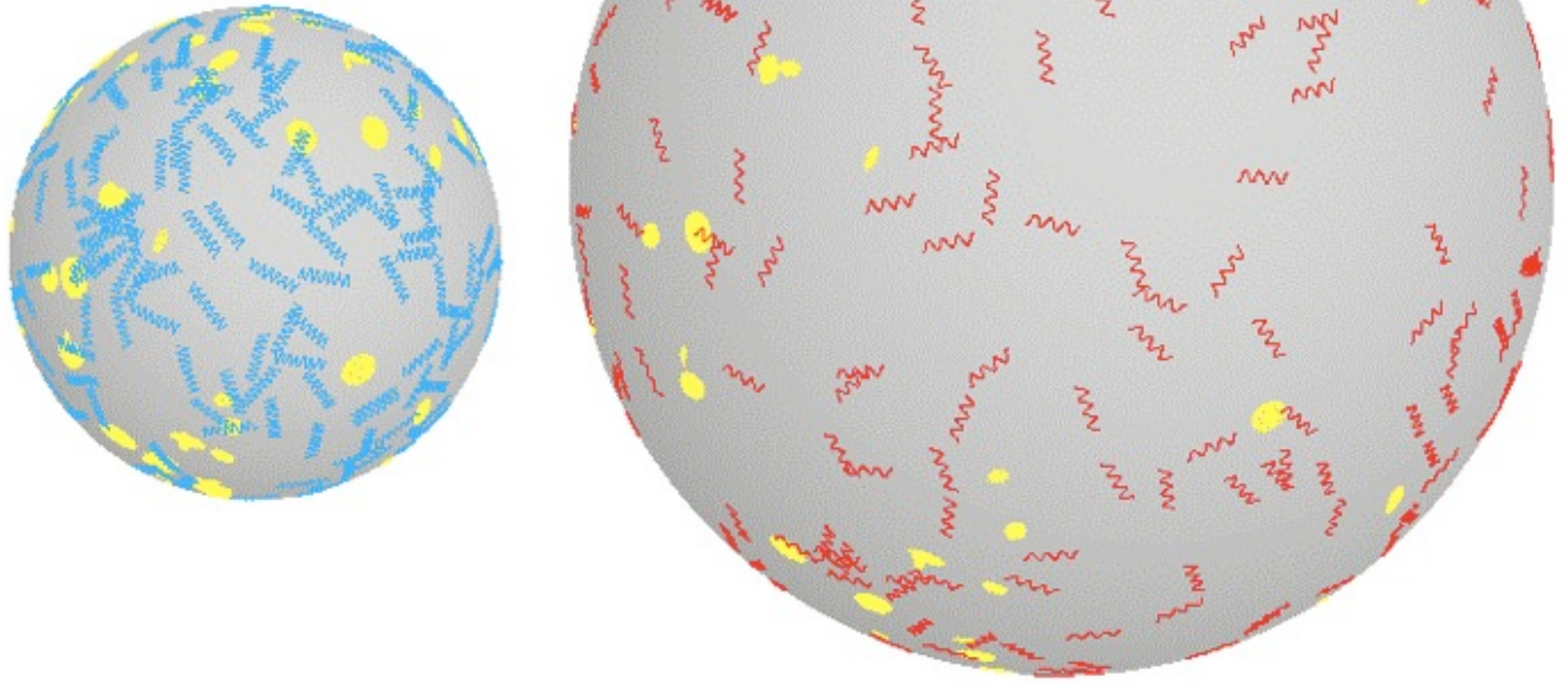


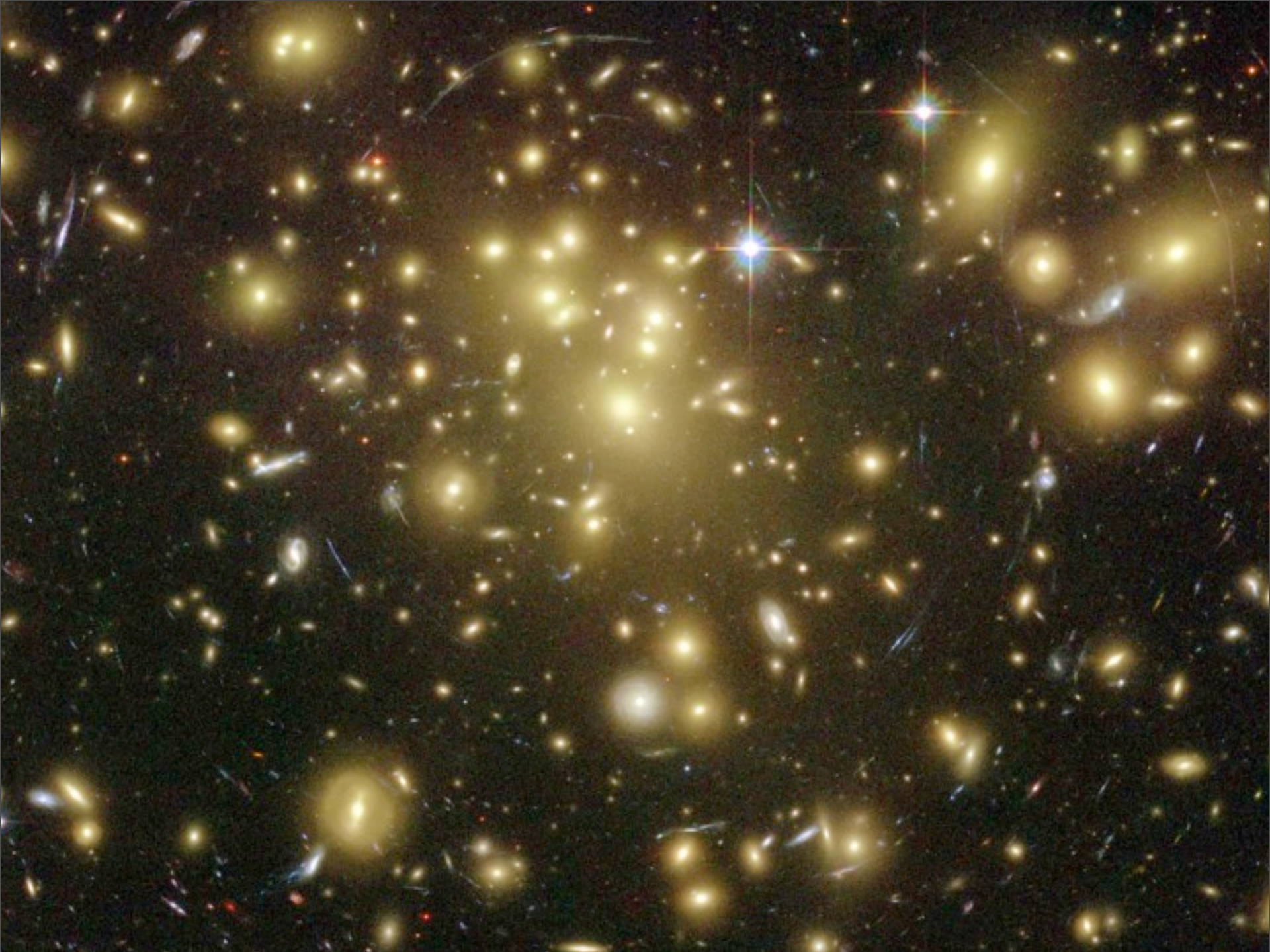




Expanding Balloon Analogy

Photons move and redshift
Galaxies spread apart but stay the same size





Monday, November 1, 2010

