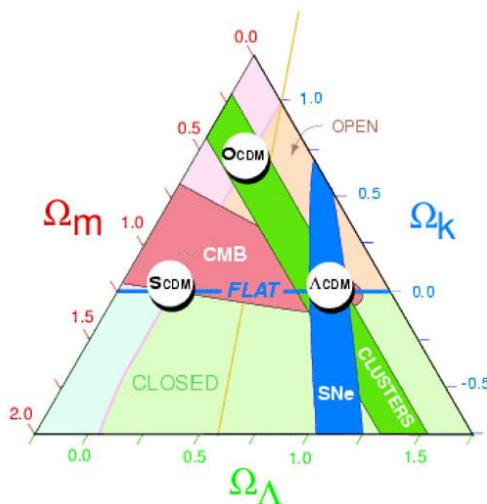
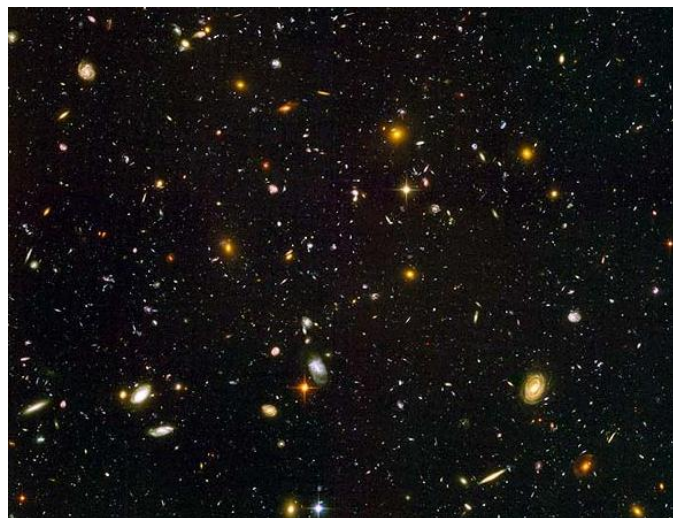




COLLOQUIUM



Frederick A. Ringwald
California State University, Fresno

Current Trends in Observational Cosmology

Cosmology is the study of the origin and history of the entire Universe. It has nothing to do with haircuts or makeup, that's *cosmetology*. *Hubble Space Telescope* and other instruments have recently measured the size, age, and other properties of the Universe with unprecedented precision.

The 2011 Nobel Prize for Physics was awarded for the surprise discovery that the expansion of the Universe is accelerating. About 96% of the Universe appears to be in two forms, dark energy and dark matter, both of which are quite unlike anything expected. This talk will review the revolution currently underway, with emphasis on observations.

Refreshments will be served at 3pm.

3-4 p.m., Friday, Jan. 20th
McLane Hall 162
All welcome!