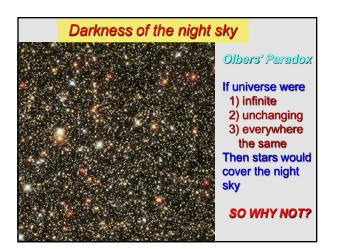


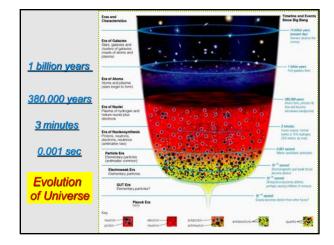


- A. If the universe was infinite, any direction you looked you would eventually see a star
- **B.** If the universe was infinitely old, the starlight would have time to get here
- C. The sky should look bright at nightbecause all directions would have starlight
- D. All of the above









Briefly recall physics in <u>our realm now:</u> "Standard Model"			
Inviendos	particle	properties	habits
	up quark	+ or - charge large mass	always in groups of 3, form nucleons: proton = u+u+d neutron = u+d+d
	down quark		
	neutrino	no charge tiny mass	barely interacts
	electron	- charge small mass	orbits nucleus

