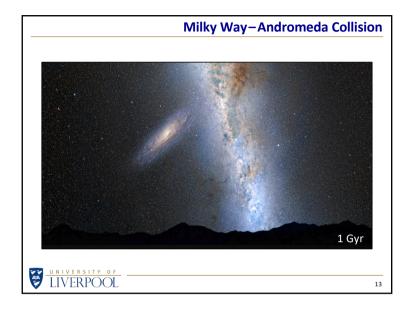
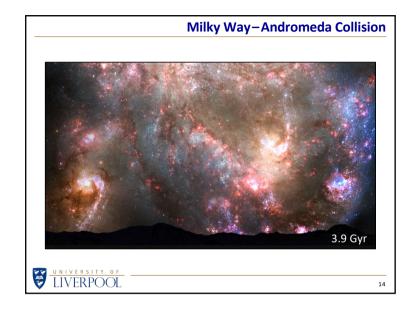
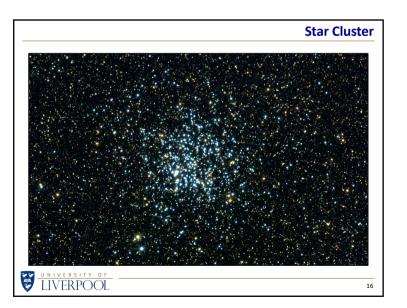
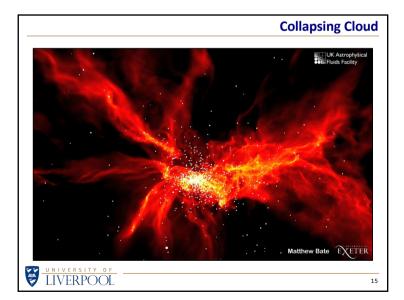


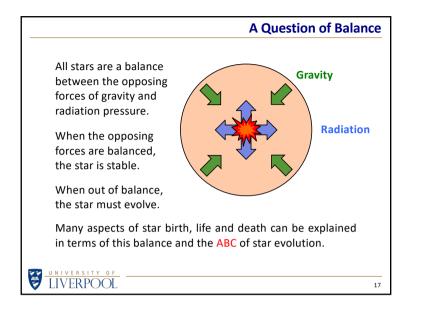
-3-

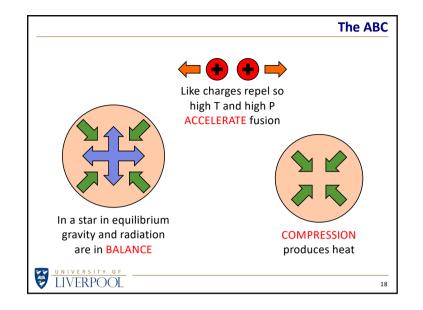


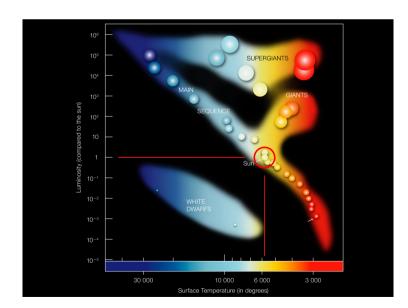


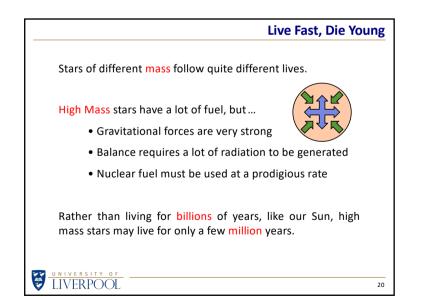




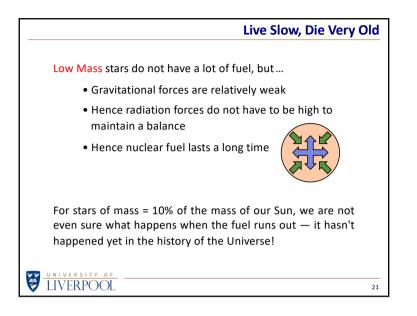


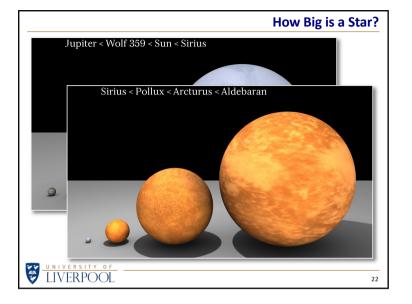


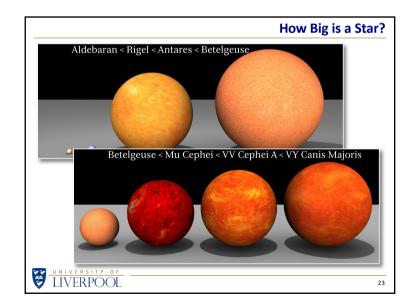


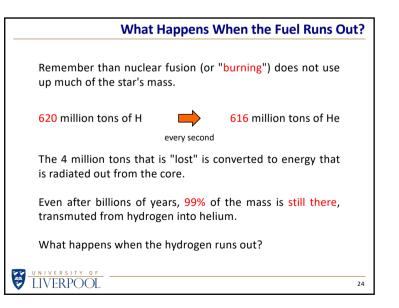


- 5 -

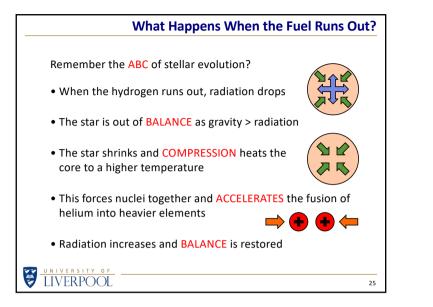


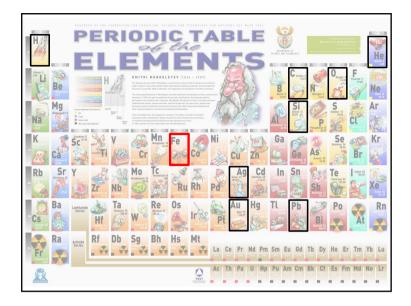


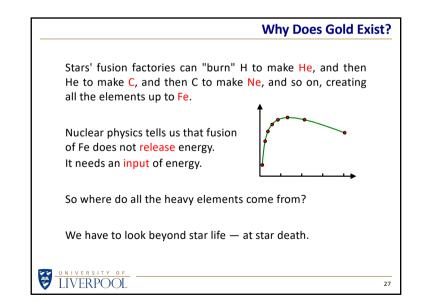


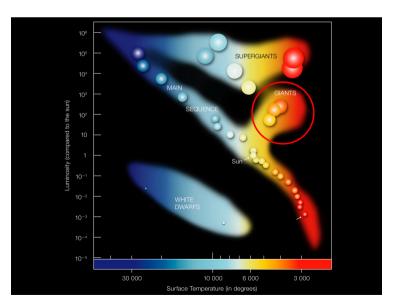


-6-









Red Giant or White Dwarf

29

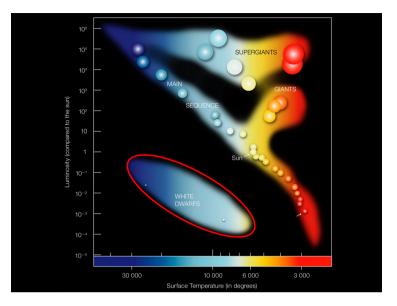
For Medium Mass stars, gravity may not be strong enough to hold on to the outer layers of the star when He starts to burn in the core.

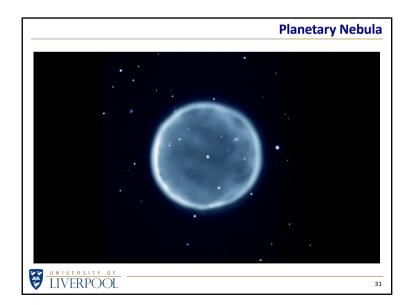
As the star expands the outer layers cool and redden — the star becomes a Red Giant.

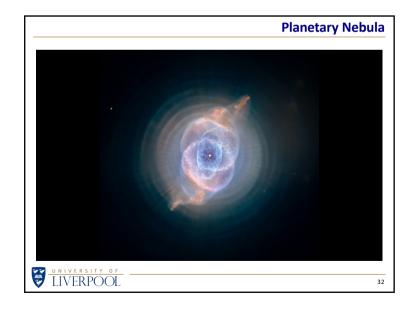
The He burning in the core can become unstable. If the outer layers are given enough energy they can be blown off the star completely, leading to the formation of a Planetary Nebula.

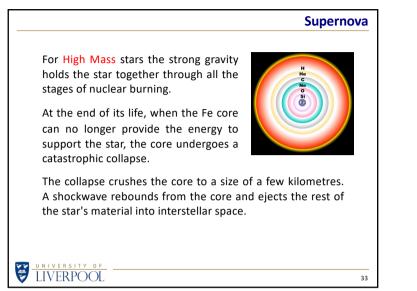
The remaining core becomes a White Dwarf.

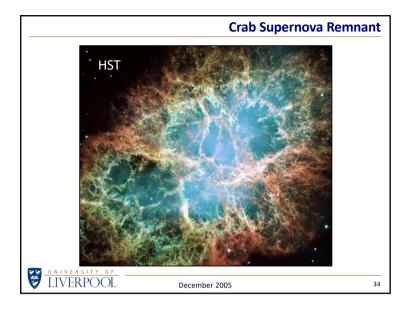
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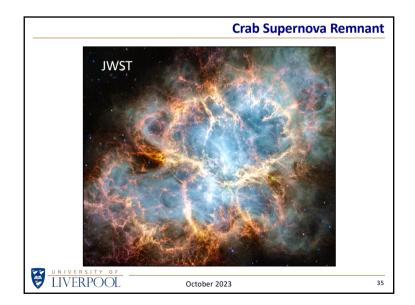


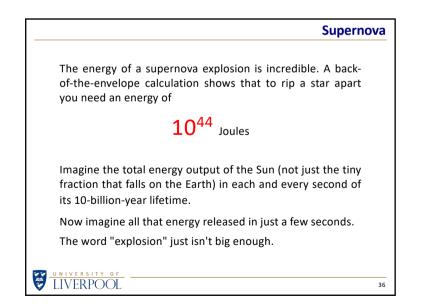




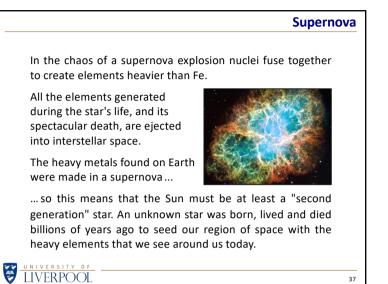








-9-



 Supernova

 After a supernova has crushed the star's core and ripped apart all of the star's outer regions, what is left behind?

 A tiny star a few kilometres in diameter.

 A Neutron Star.

