Tim Cole

Nebulae and Structures

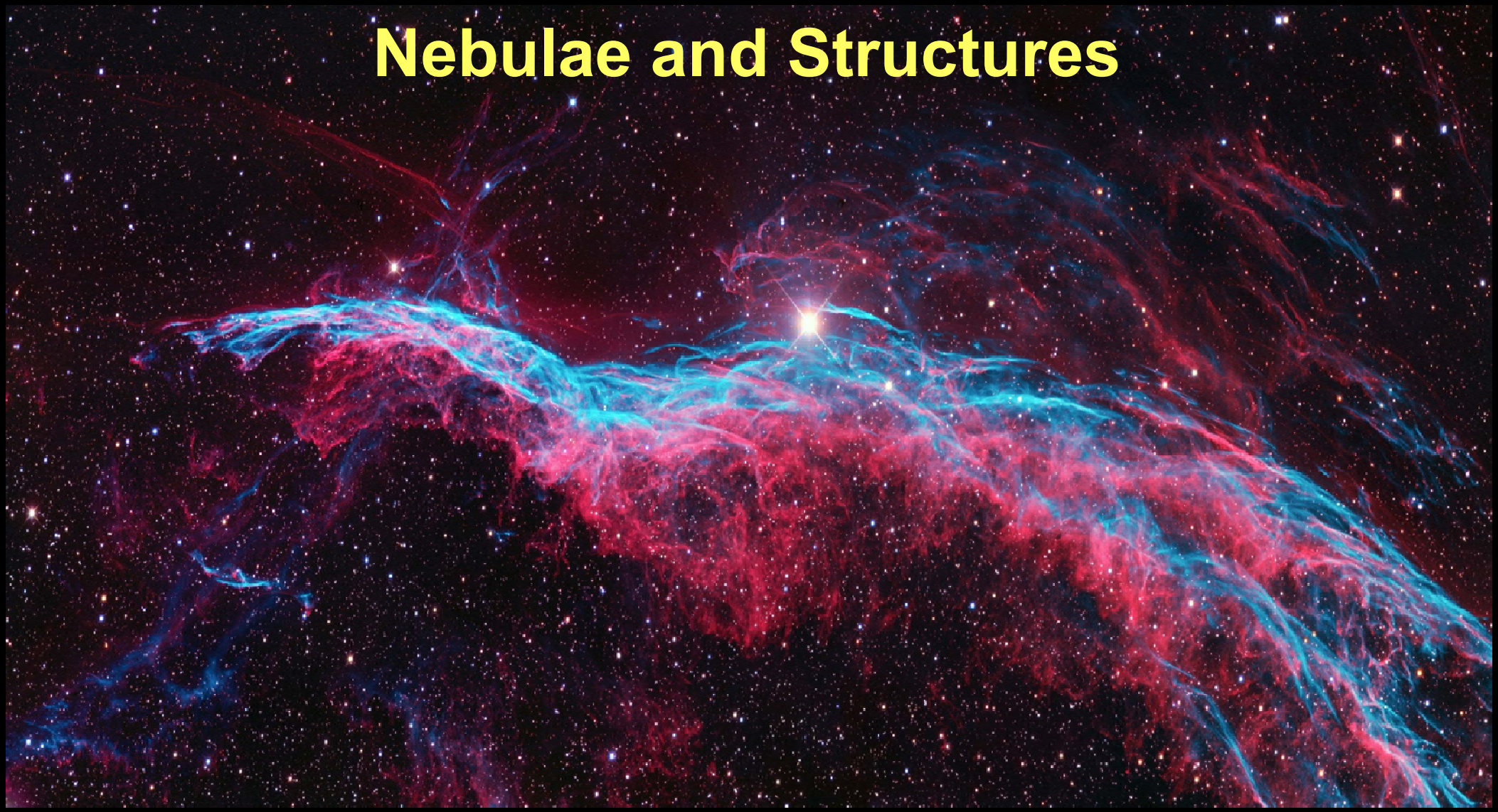
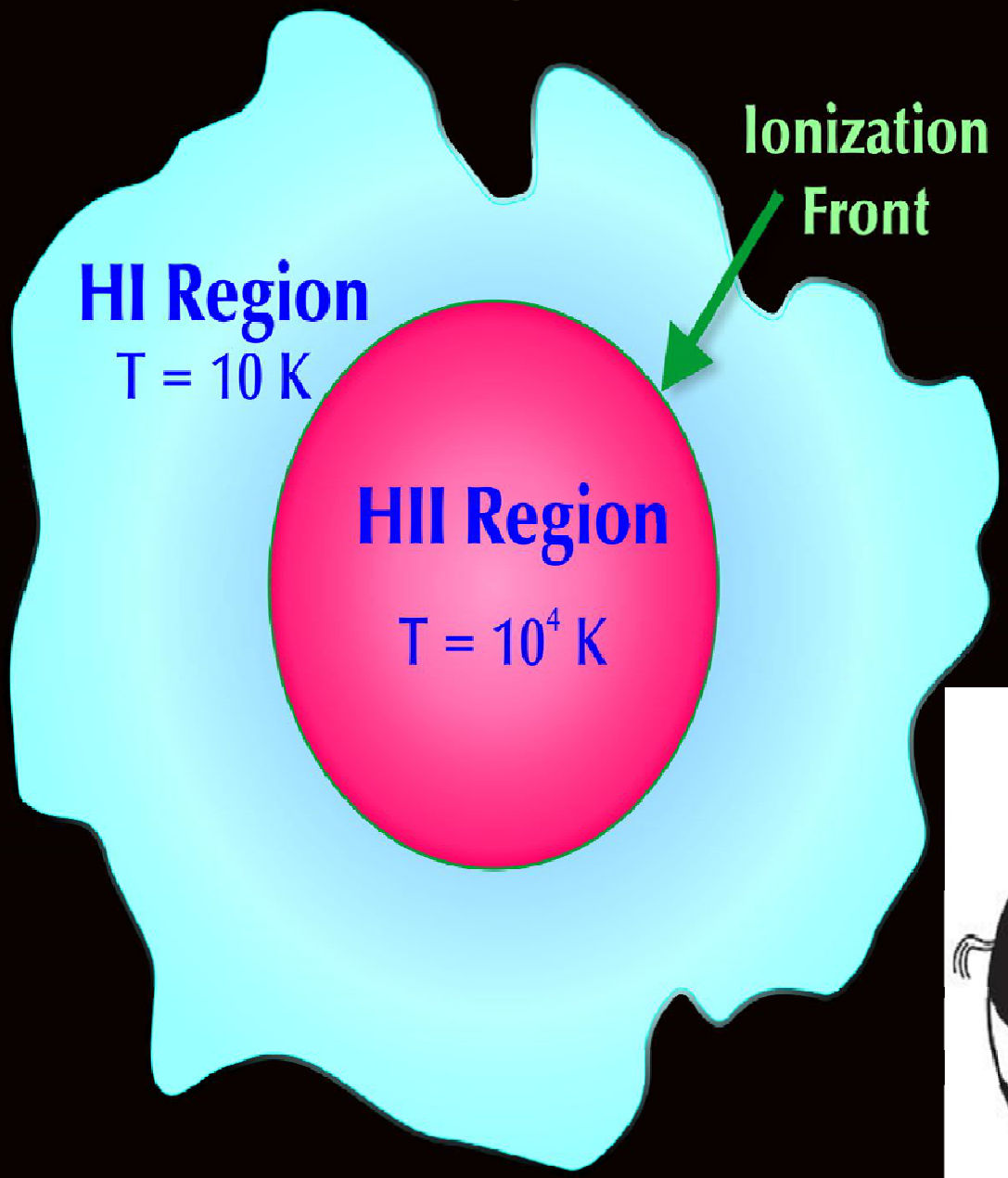
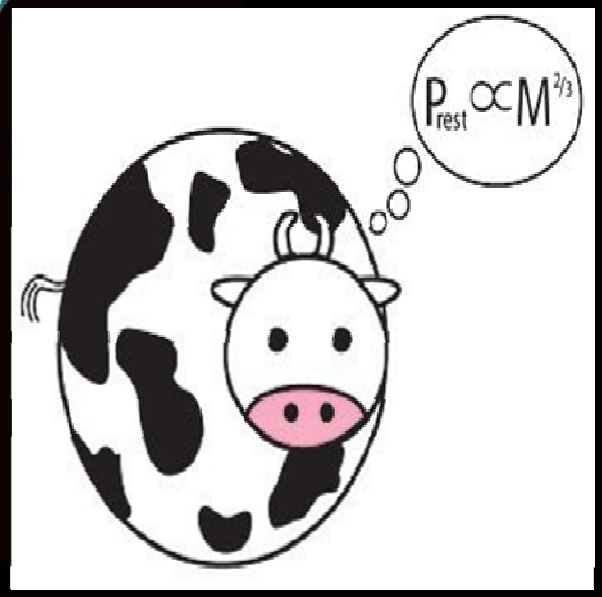


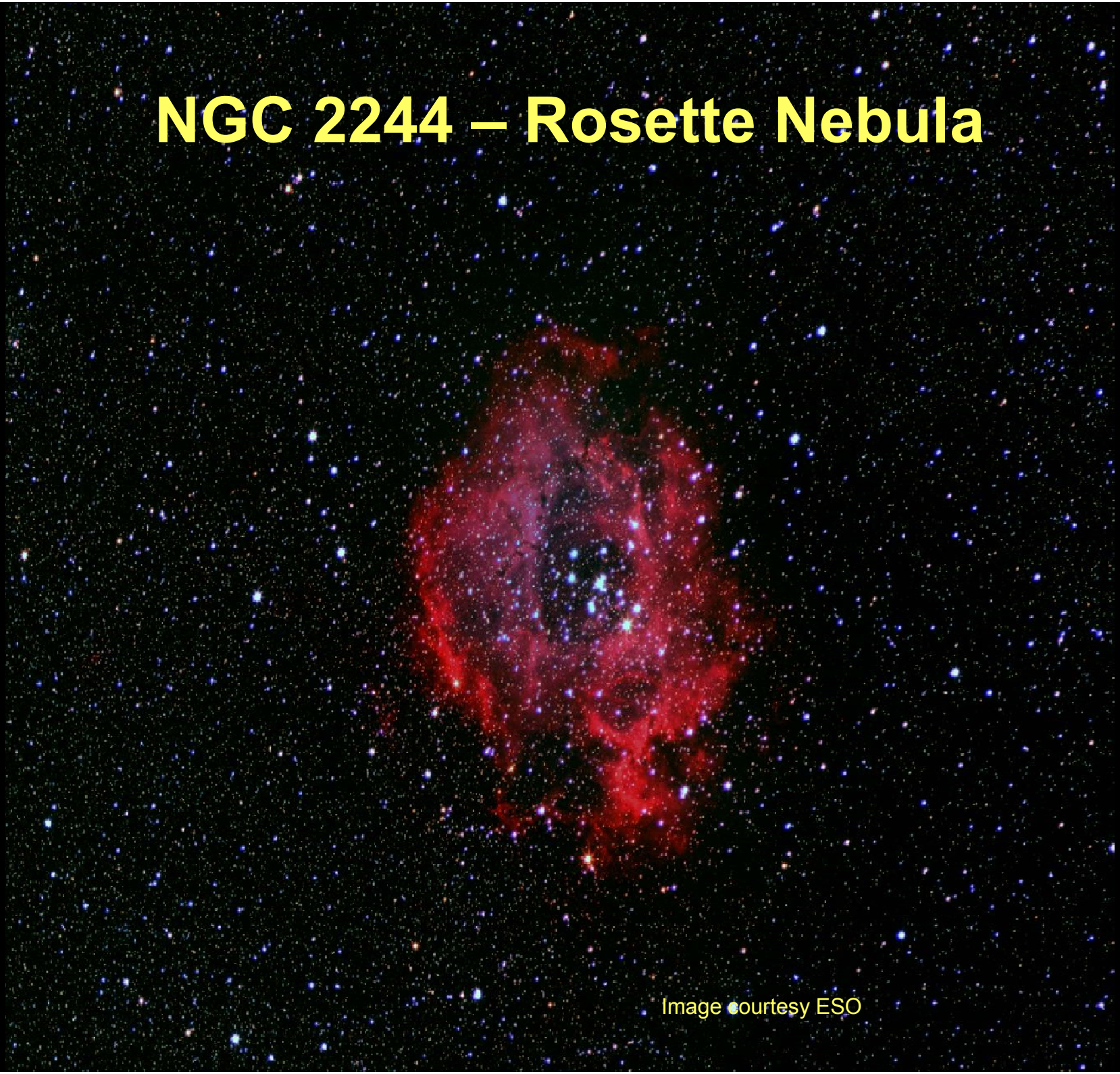
Image Courtesy Ken Crawford Rancho Del Sol Observatory

The Strömgren Sphere





NGC 2244 – Rosette Nebula



The Necklace Nebula

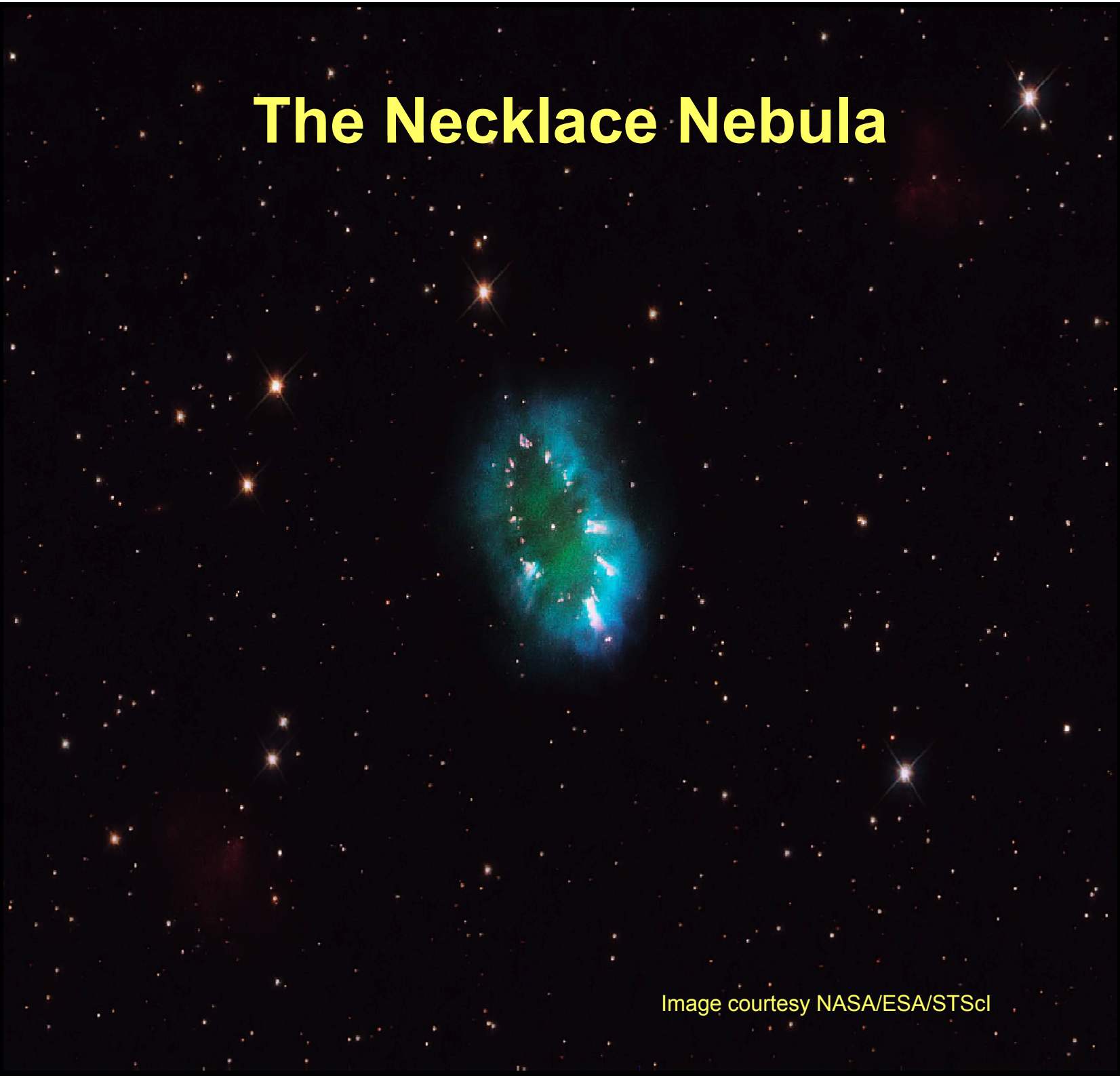
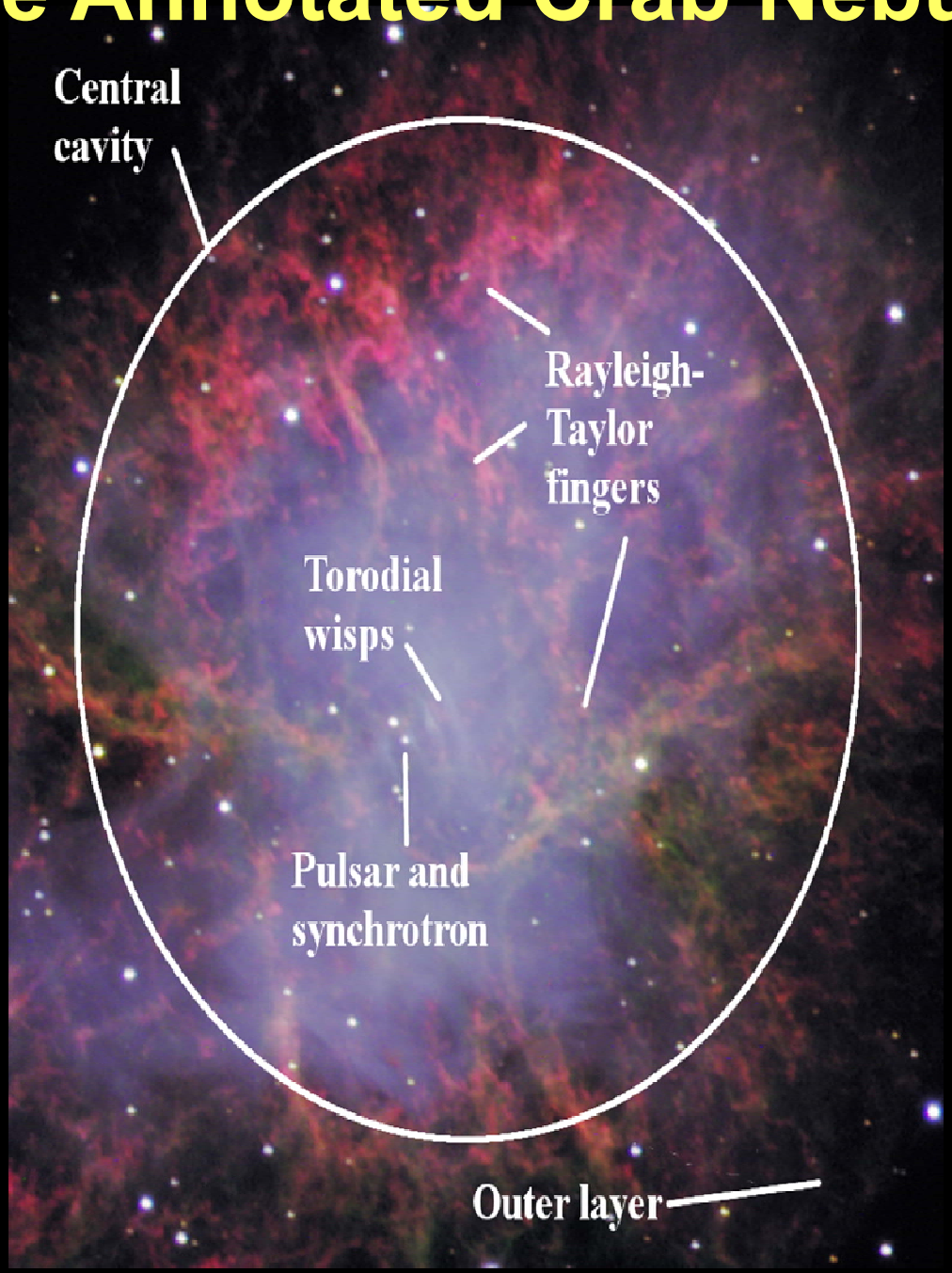


Image courtesy NASA/ESA/STScI

The Crab Nebula and Rayleigh-Taylor Instability

Image Courtesy ESO

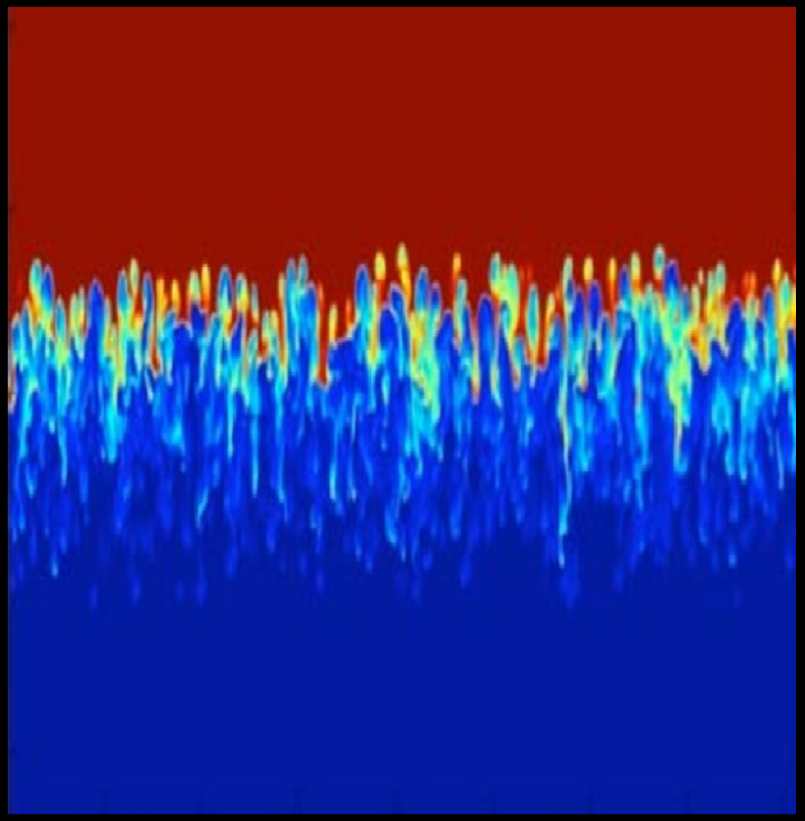
The Annotated Crab Nebula

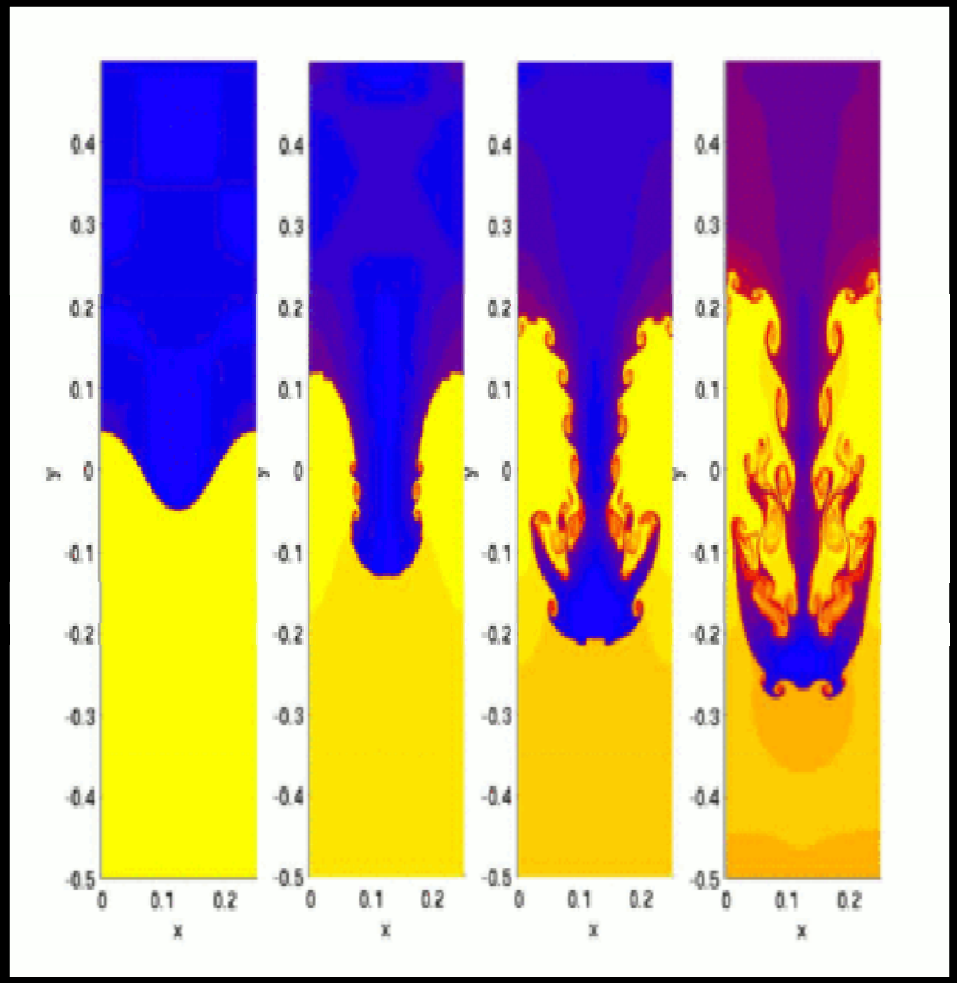


NGC 7293 – The Helix Nebula

Images Courtesy ESO

Rayleigh-Taylor Instability





Rayleigh-Taylor Instability and Globules

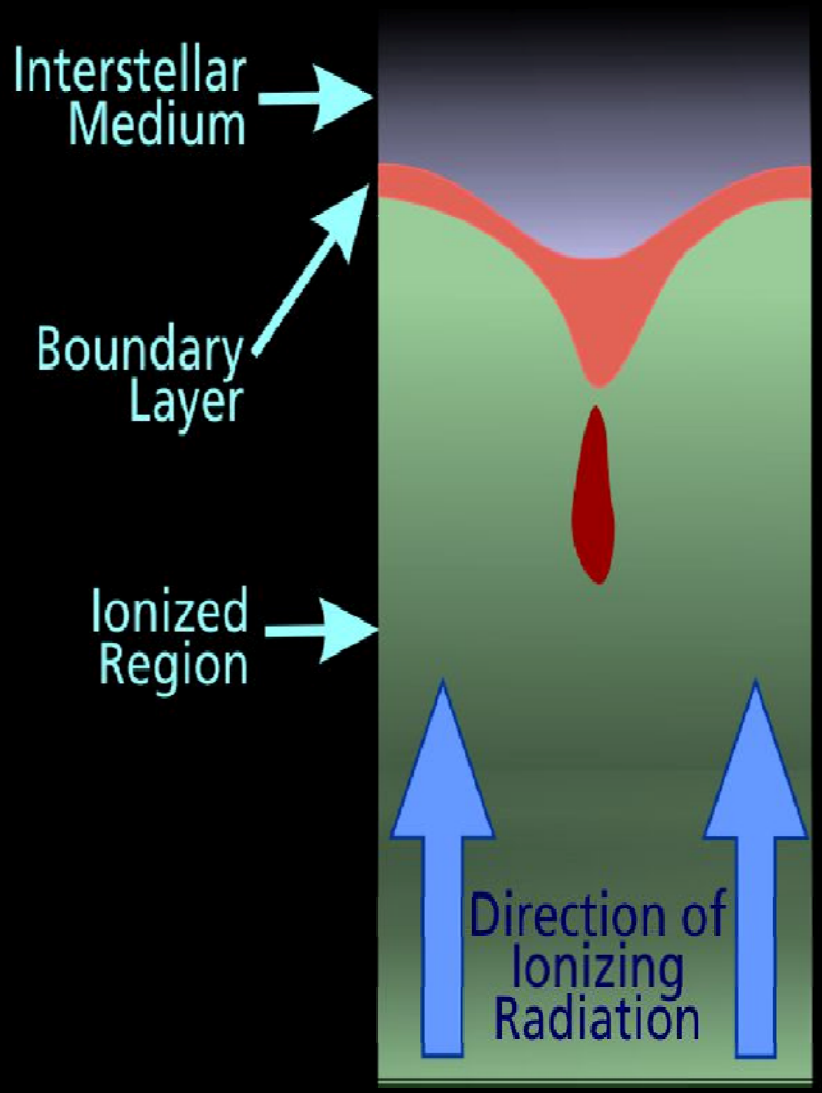


Image Courtesy ESO

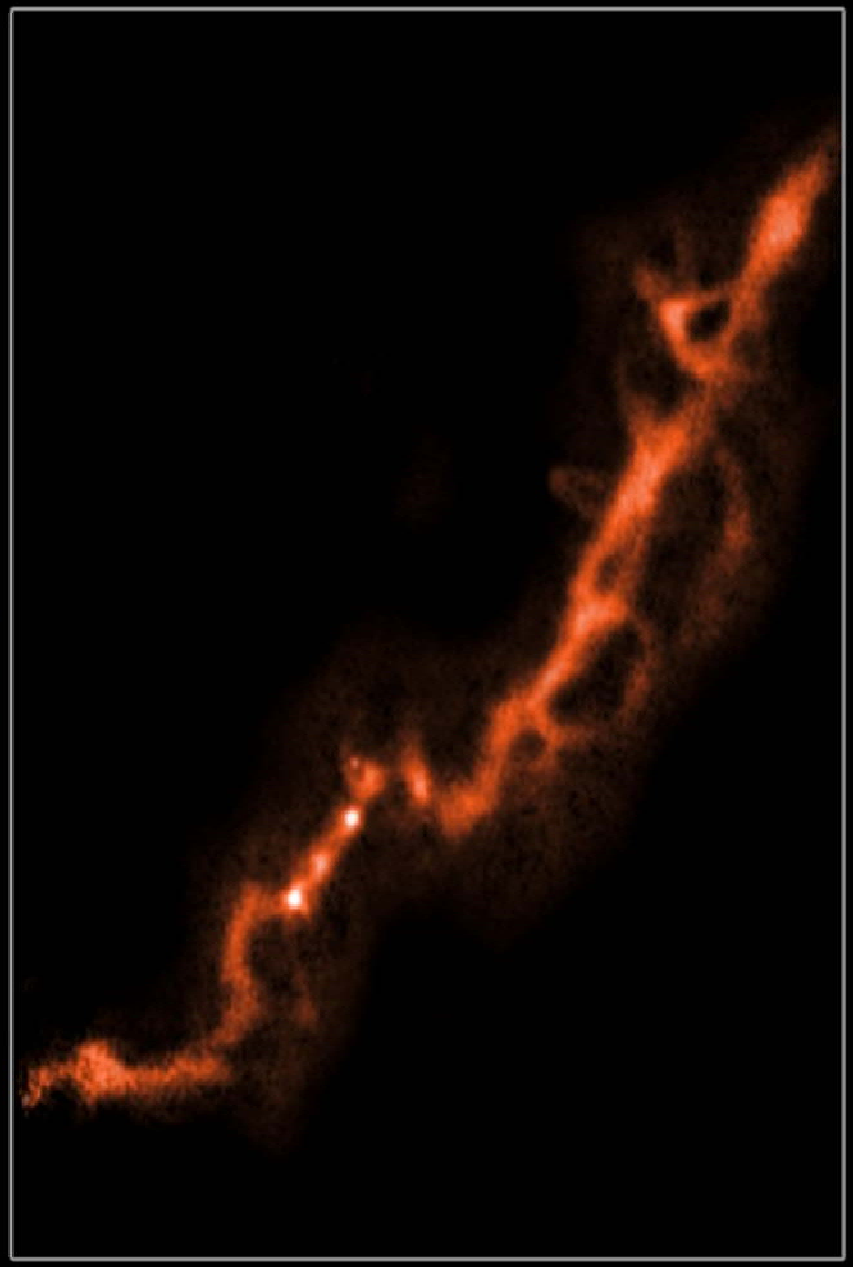
Pillars of Destruction

Images Courtesy ESO

NGC 3372 – The Carina Nebula

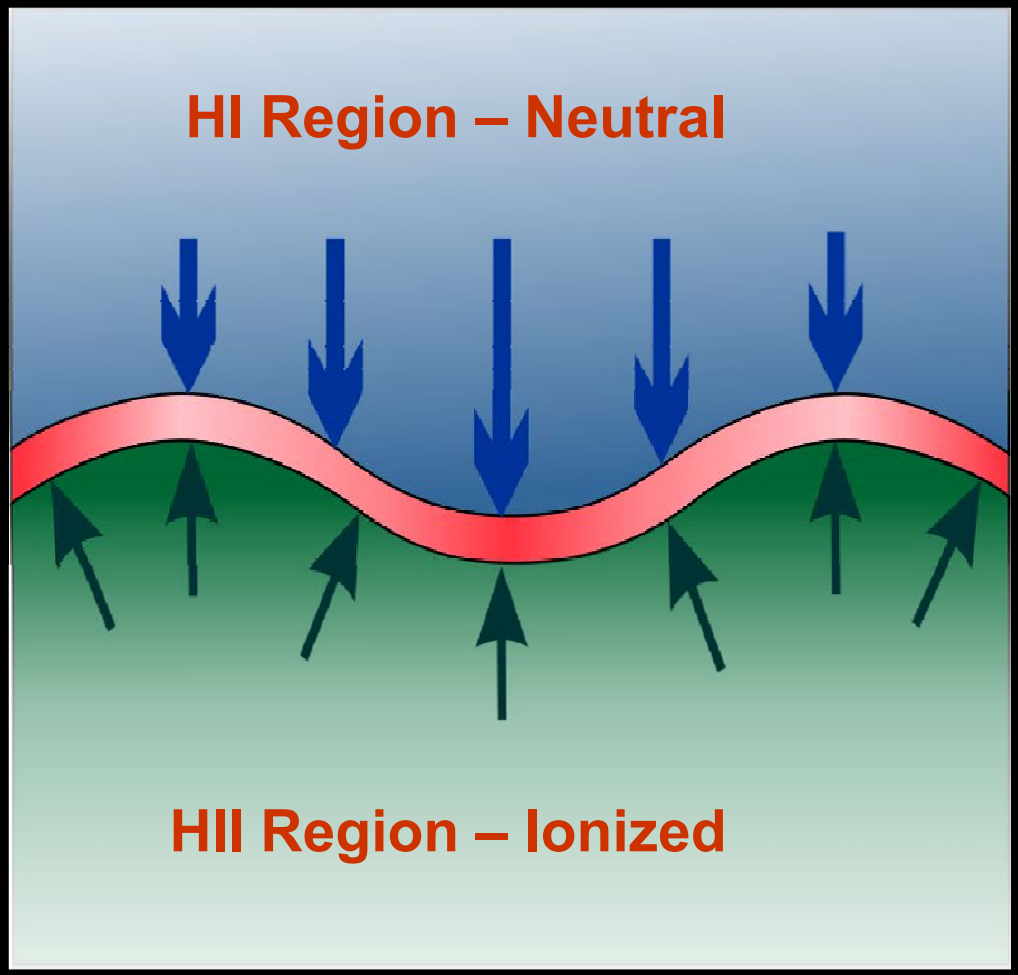
Image Courtesy ESO

Barnard 211 / 213 – The Taurus Molecular Cloud



Images Courtesy ESO

Vishniac Instability in Nebulae



Cometary Globule CG4

Image Courtesy ESO

NGC 6729 – Ripping the Nursery Apart

Images Courtesy ESO

Herbig-Haro 34

Image Courtesy ESO

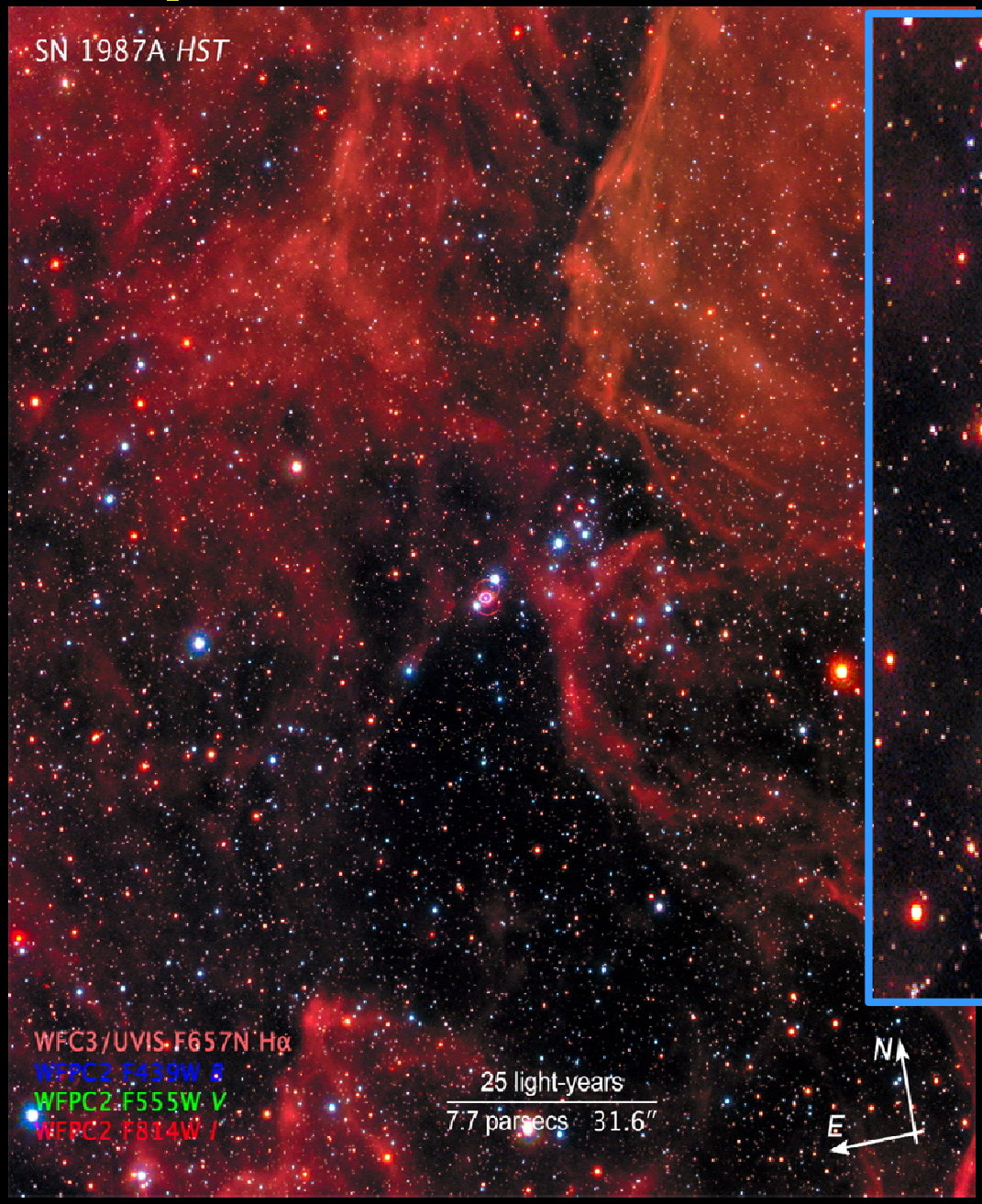
PN K1-22 – The Southern Owl Nebula

NGC 6543 – The Cat's Eye Nebula

Image Courtesy NASA/ESA/STScI

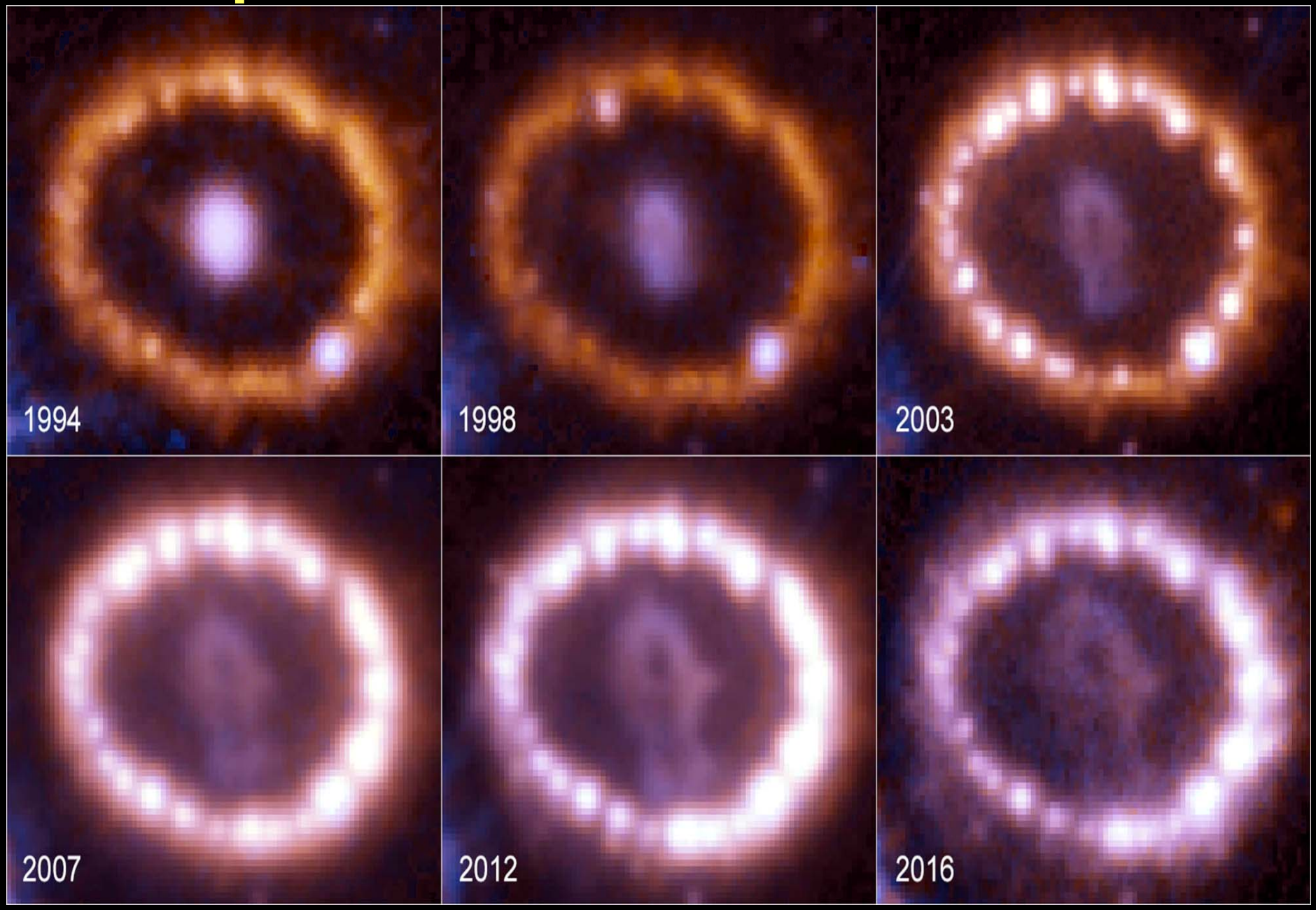
NGC 2359 – Thor's Helmet
Image Courtesy ESO

Supernova SN1987A's Aftermath



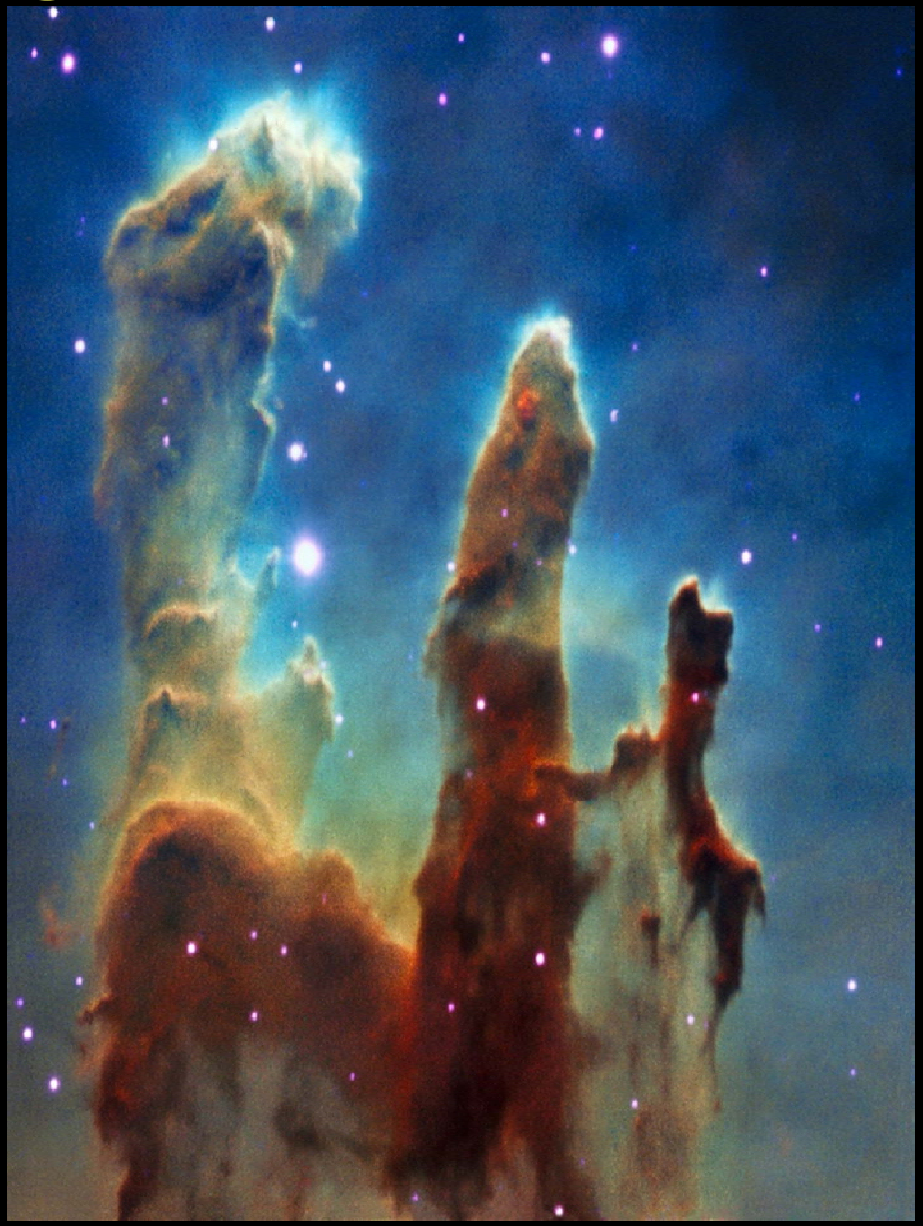
Images Courtesy NASA/ESA/STScI

Supernova SN1987A's Aftermath



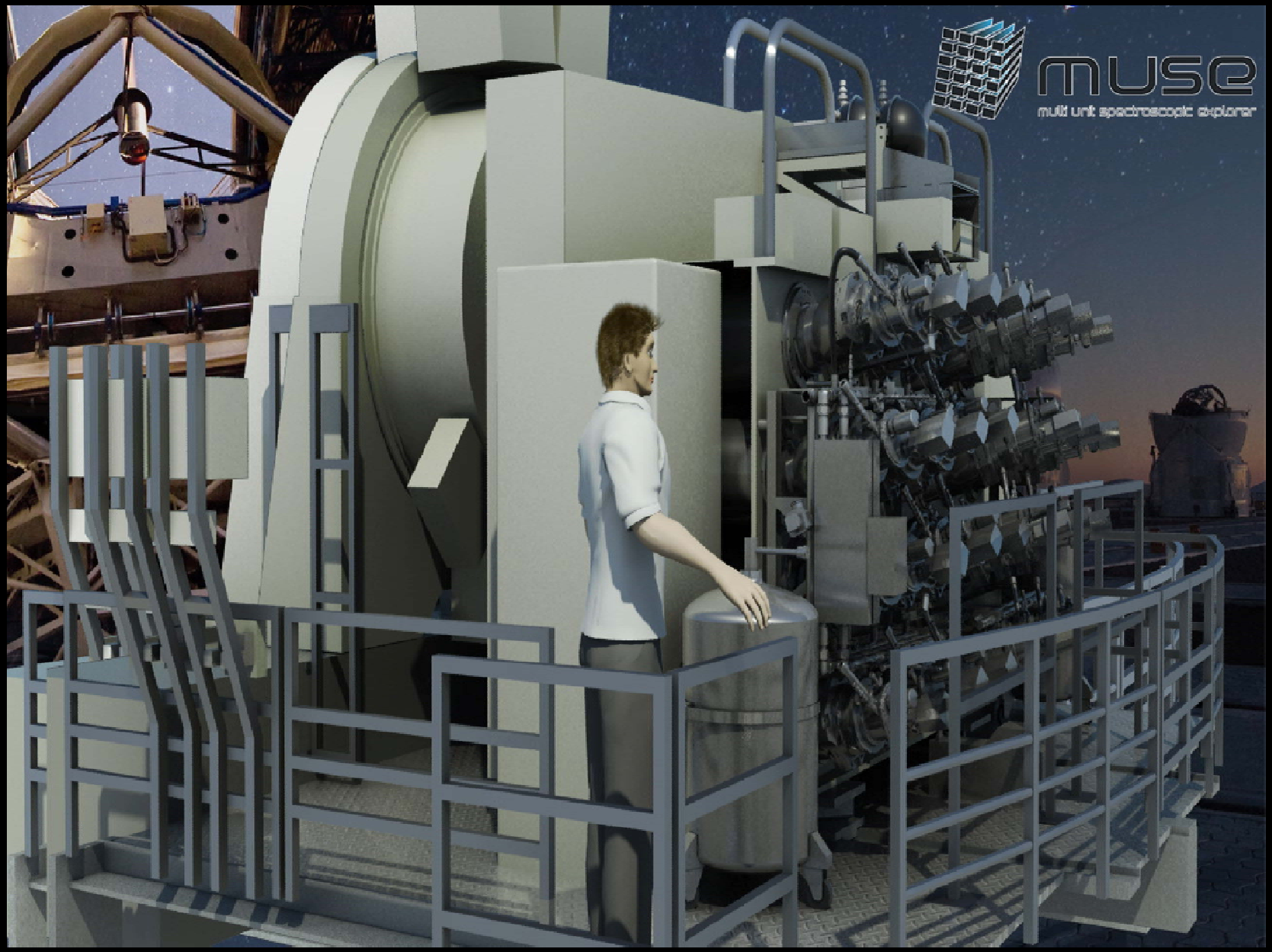
Images Courtesy NASA/ESA/STScI

Looking Deeper Into Old Favorites



Images Courtesy ESO

ESO's MUSE Instrument



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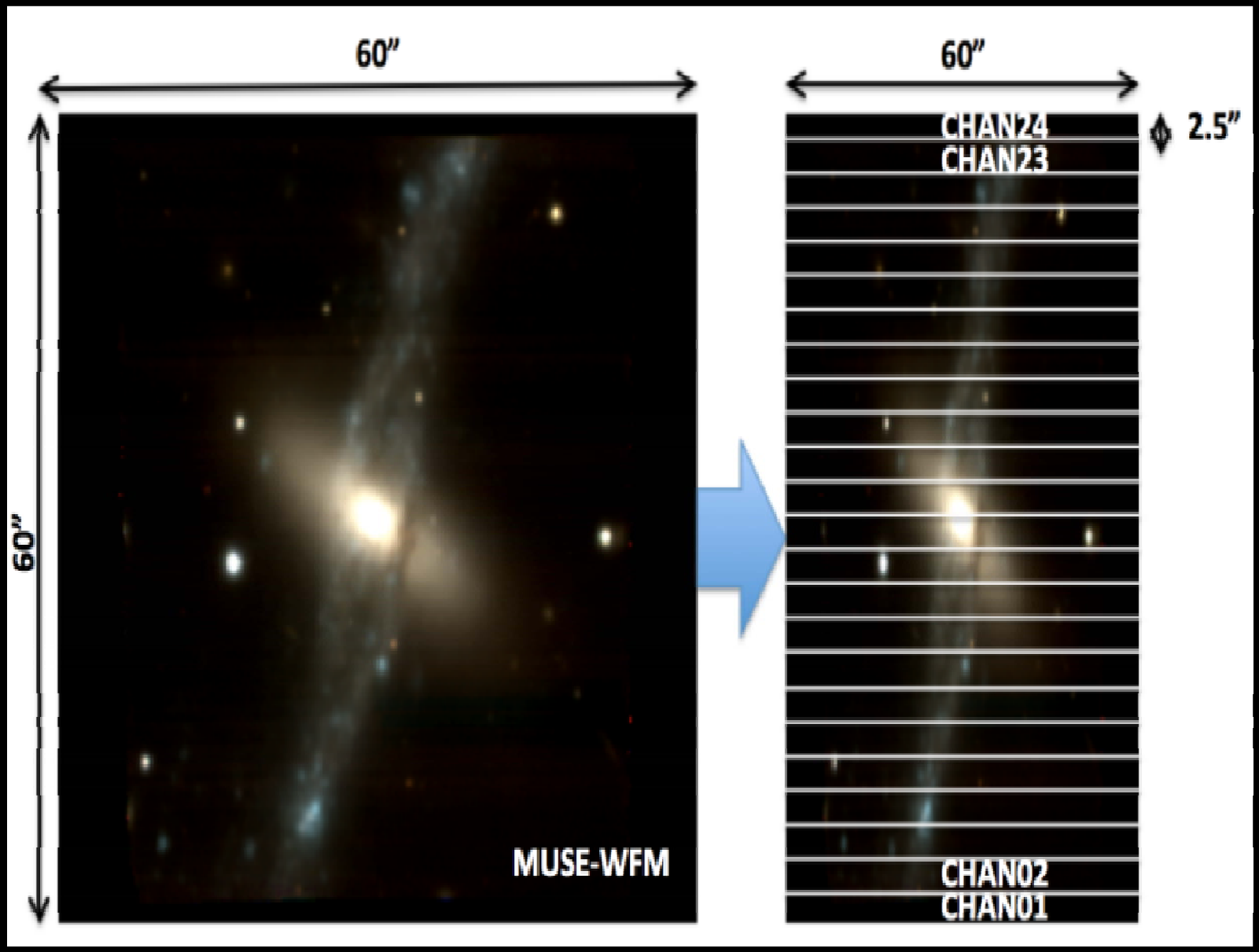

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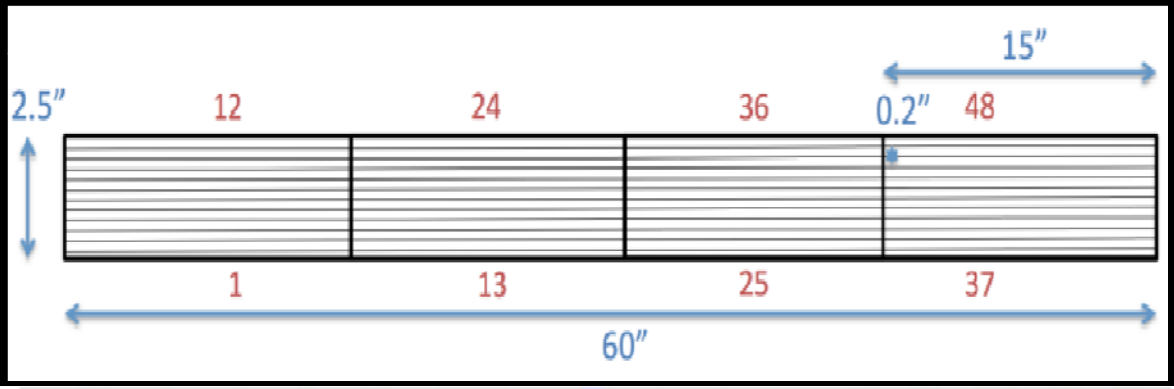
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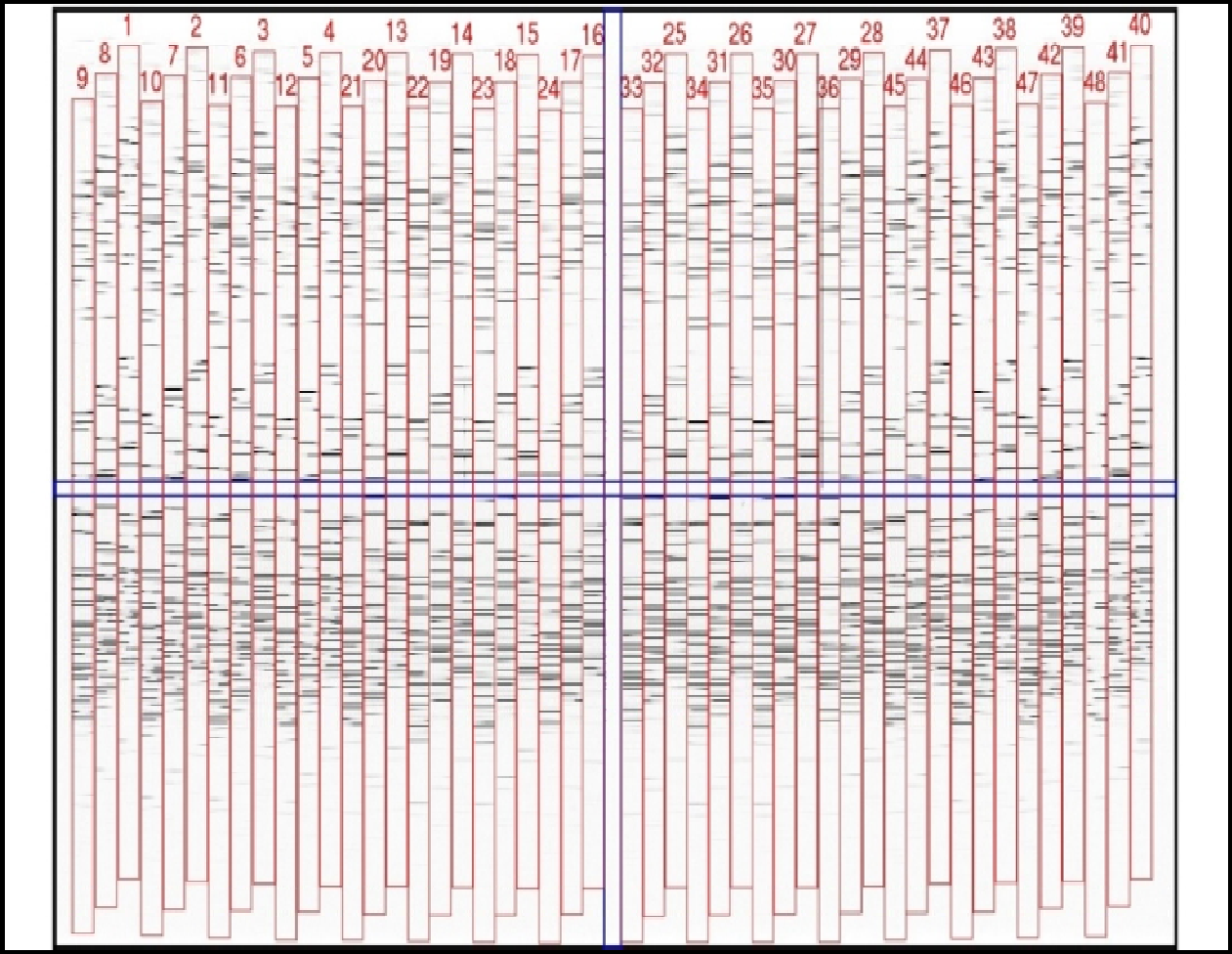
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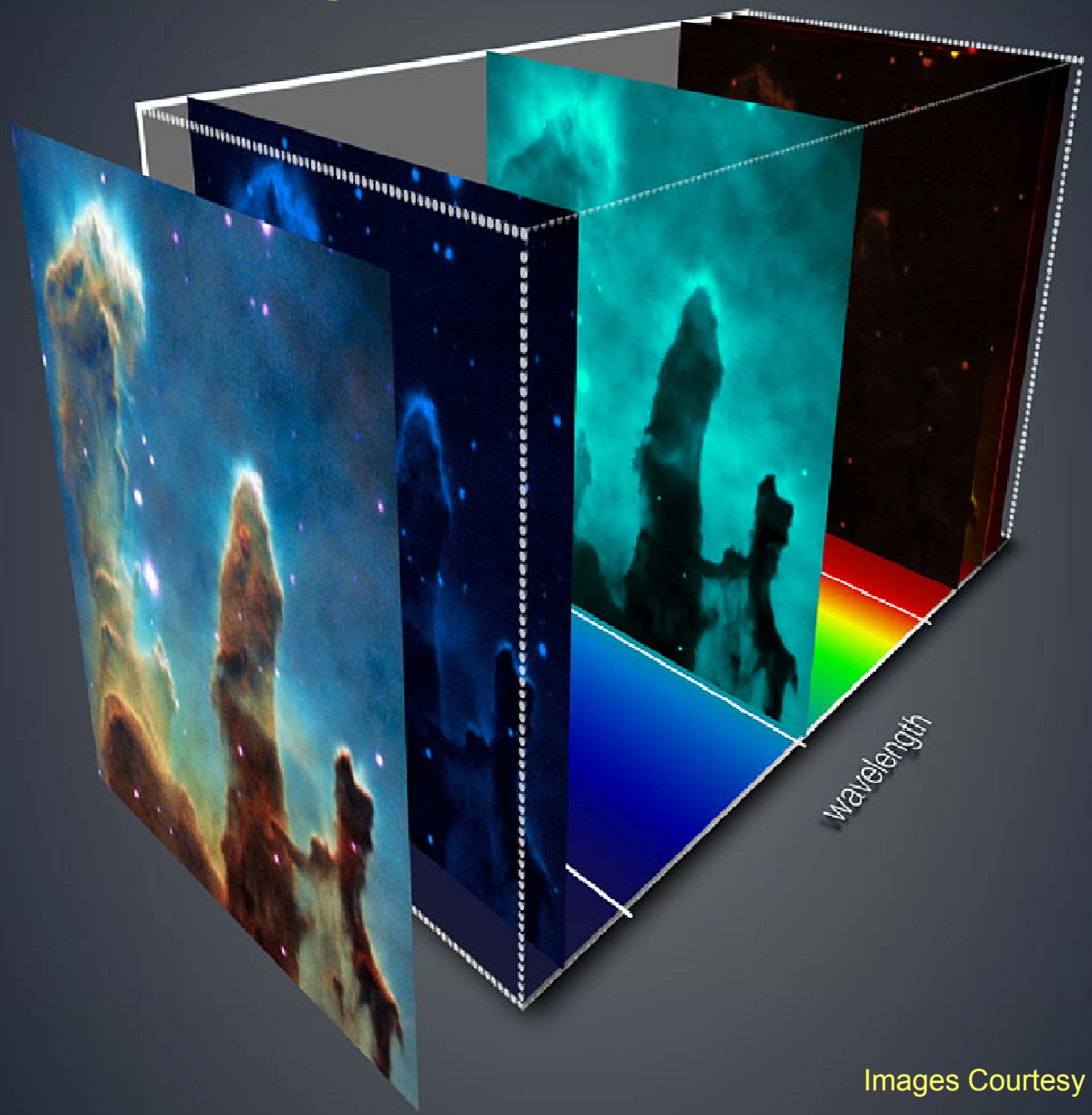
Dissecting Nebulae with MUSE



Images Courtesy ESO

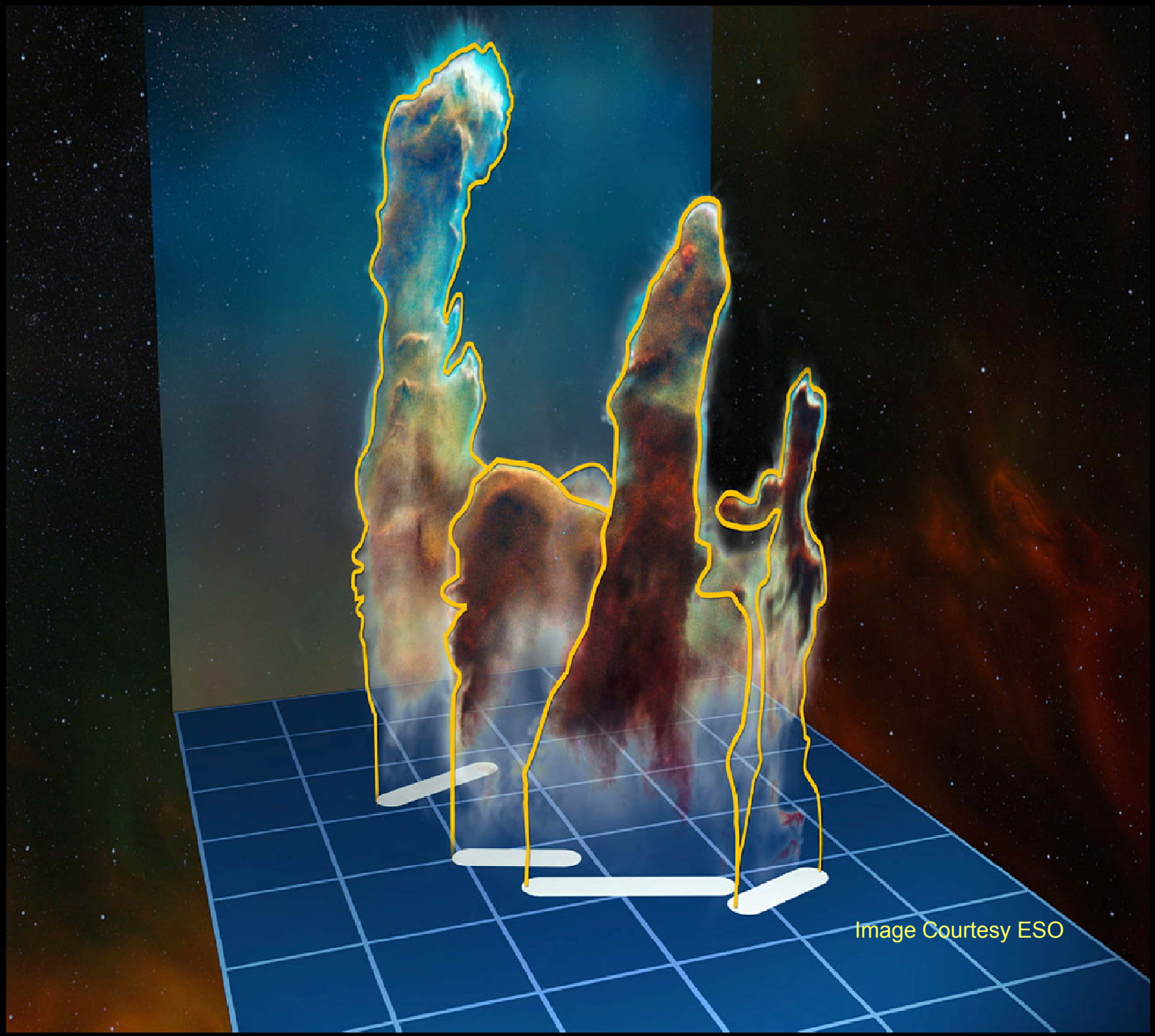
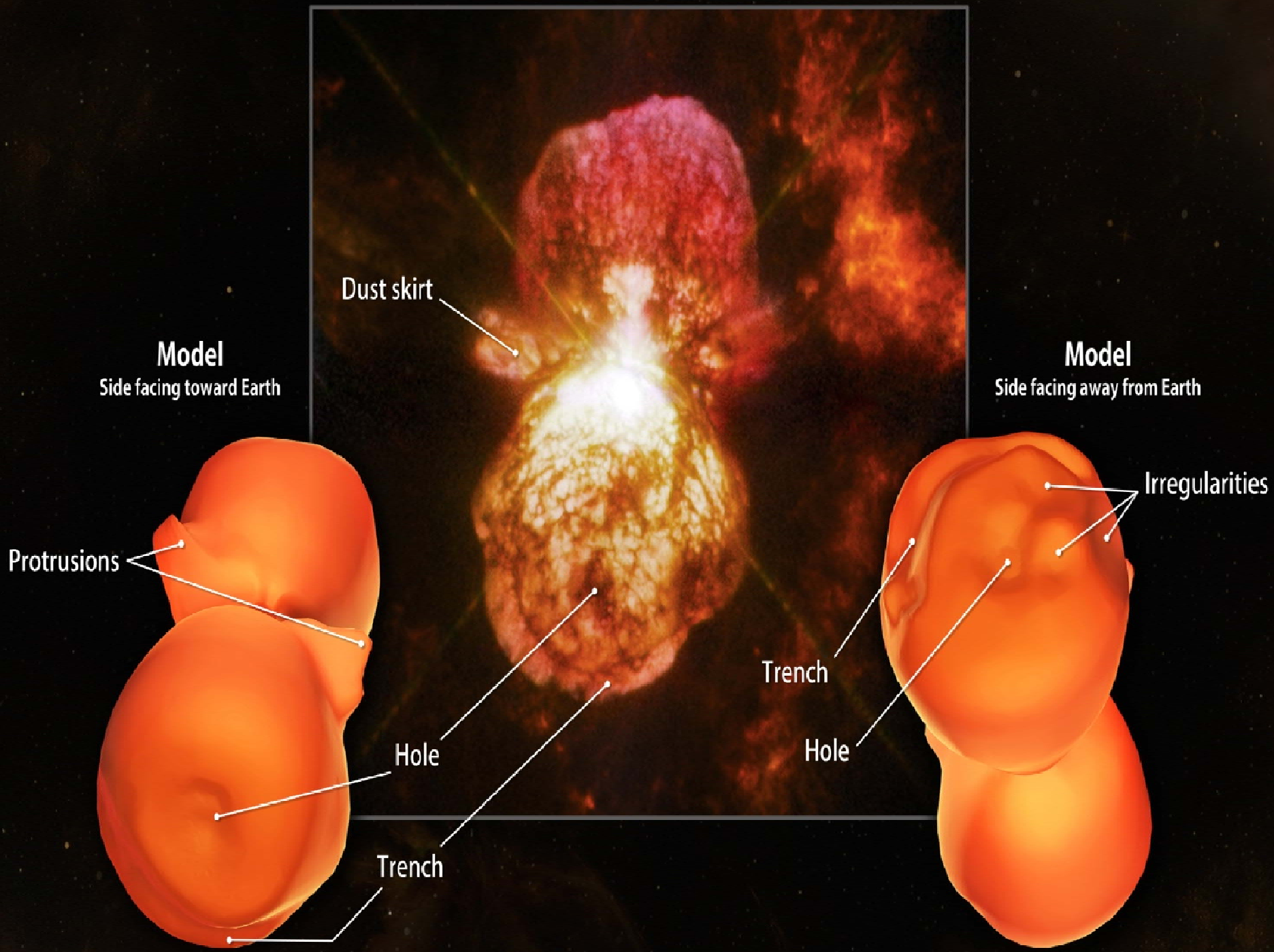


Image Courtesy ESO

Eta Carinae Homunculus Nebula



Images Courtesy NASA, Goddard Space Flight Center/SVS - Inset: NASA, ESA, Hubble SM4 ERO Team I