Hands-on Experience

Manipulating astronomical images and catalogues

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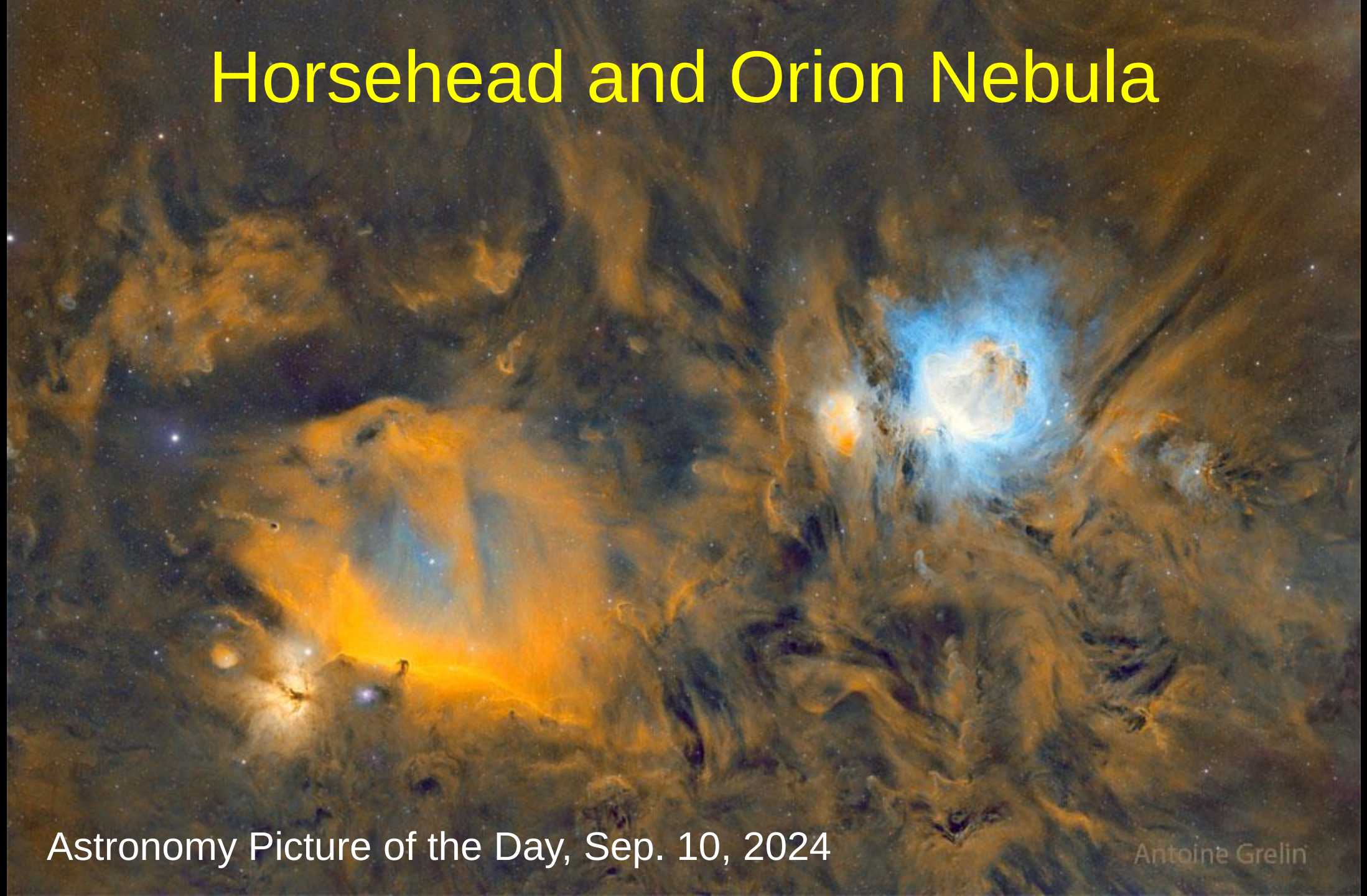
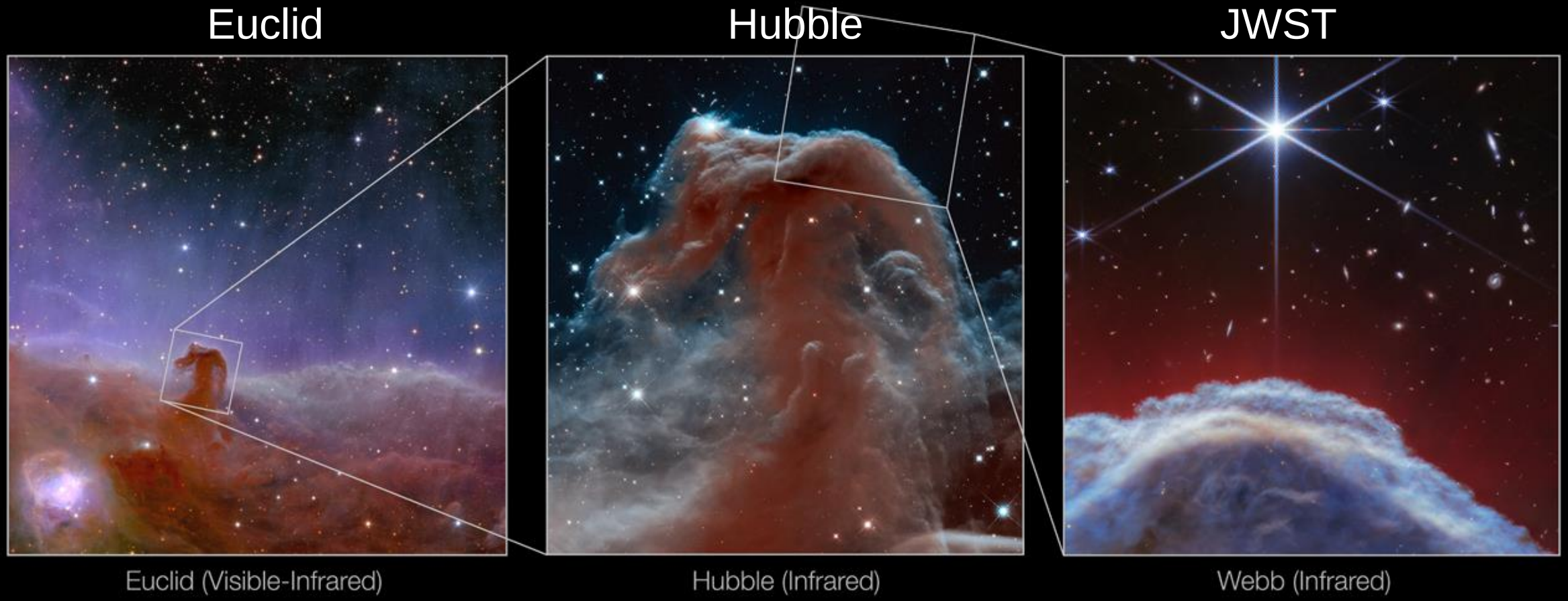
NPA Summer School
HZDR, September 11, 2024

Horsehead and Orion Nebula



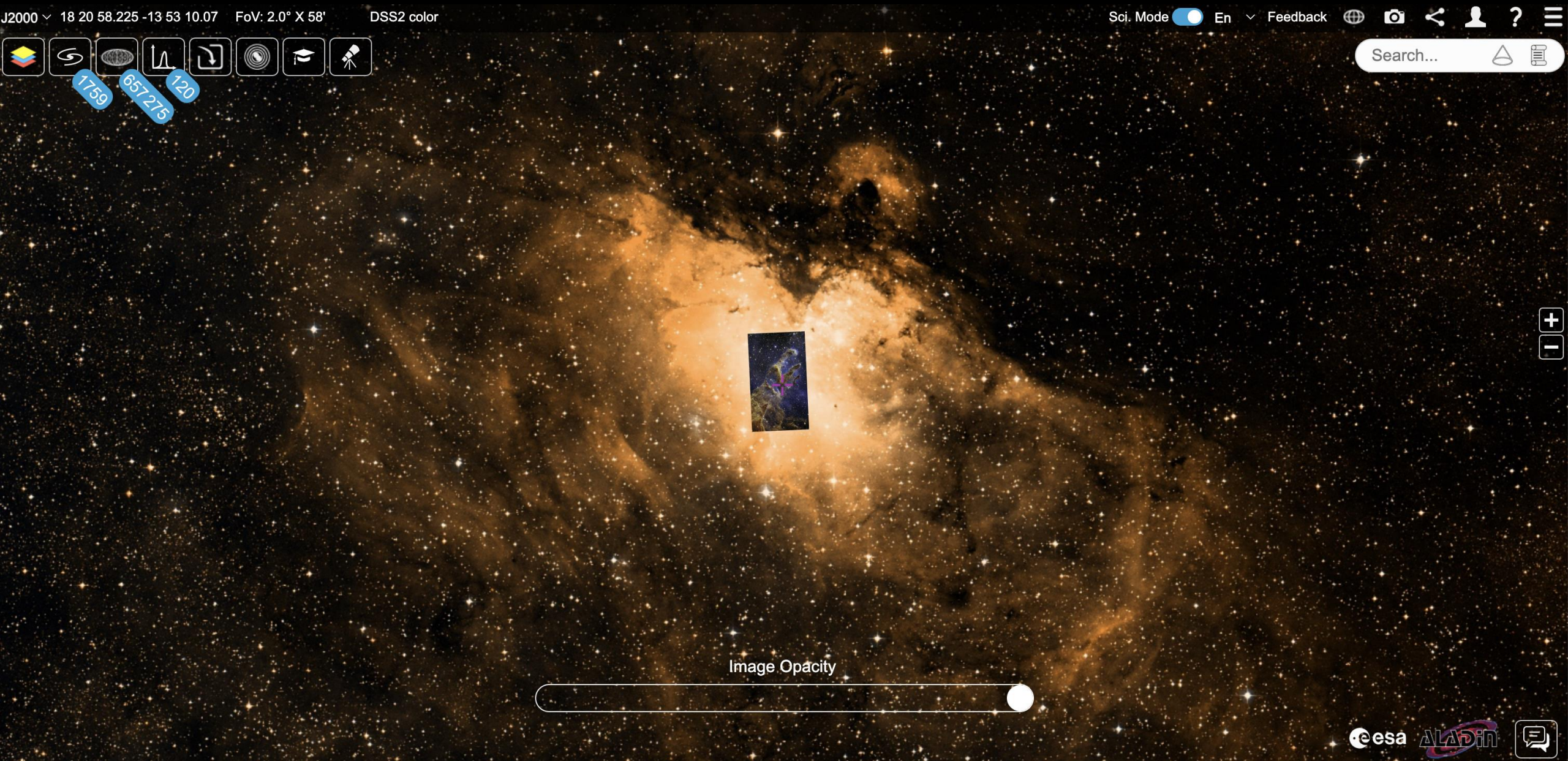
Astronomy Picture of the Day, Sep. 10, 2024

Three images of the Horsehead Nebula

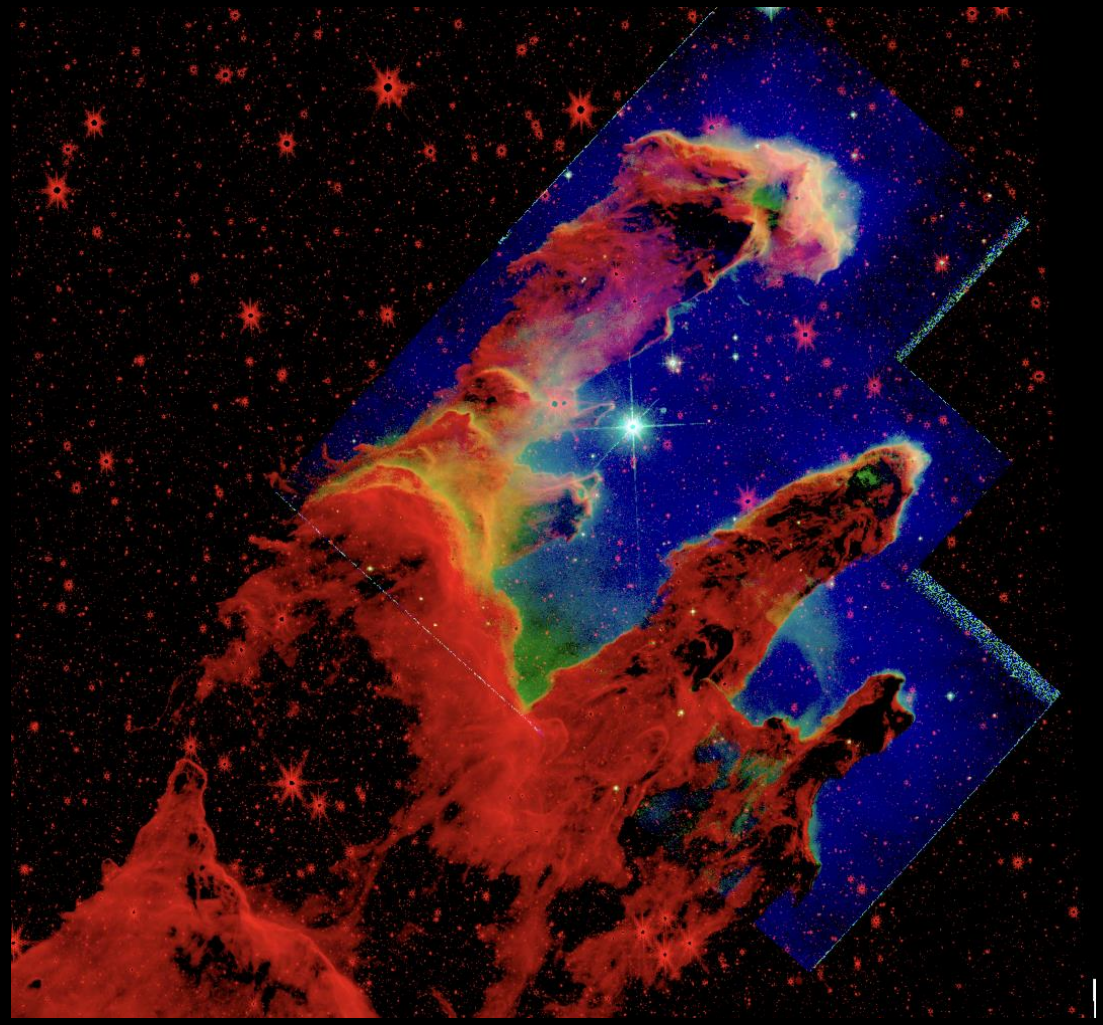


NASA, ESA, CSA, Karl Misselt (University of Arizona), Alain Abergel (IAS, CNRS), Mahdi Zamani The Euclid Consortium, Hubble Heritage Project (STScI, AURA)

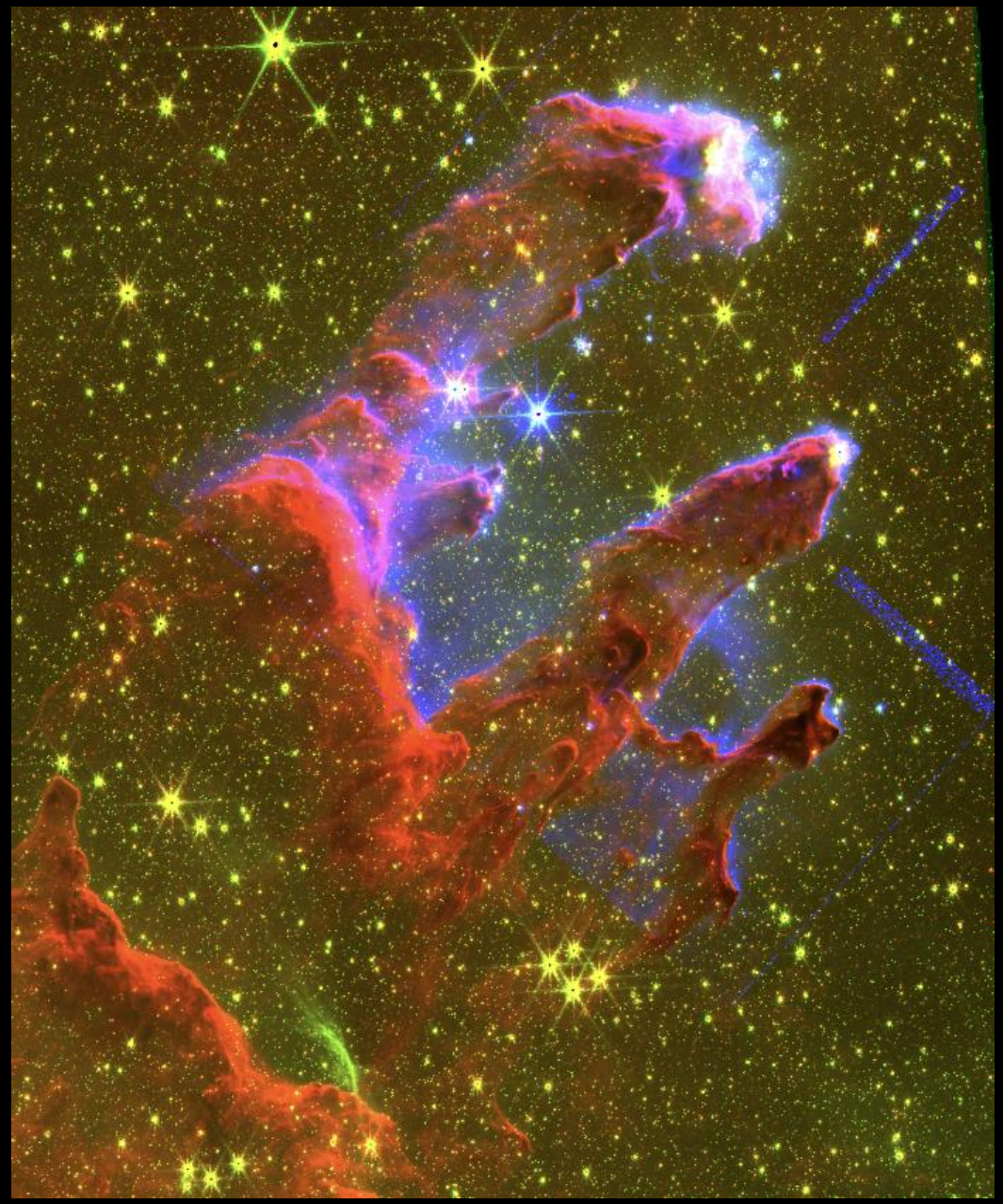
Now let‘s start: sky.esa.int

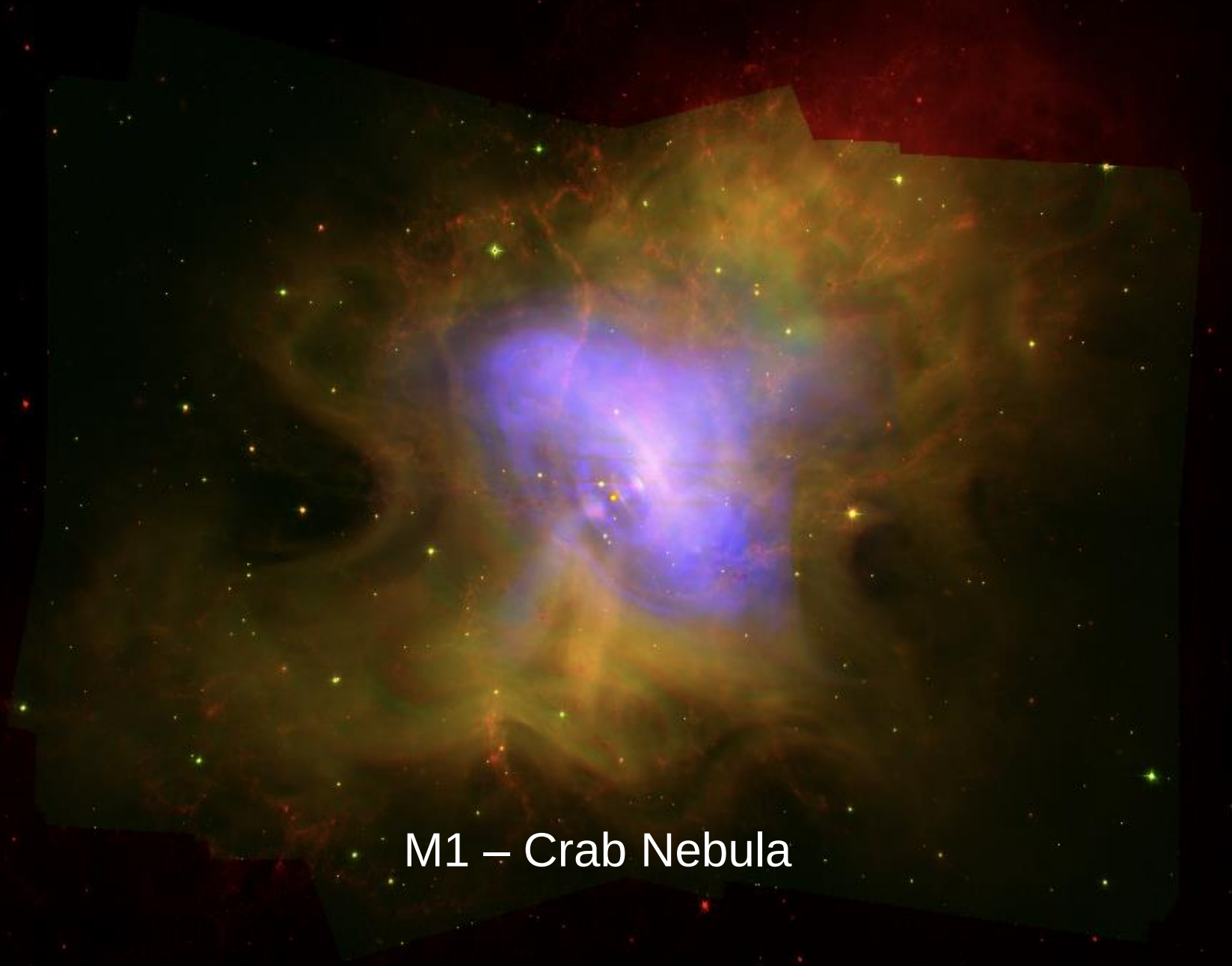


SAOImageDS9 & TopCAT

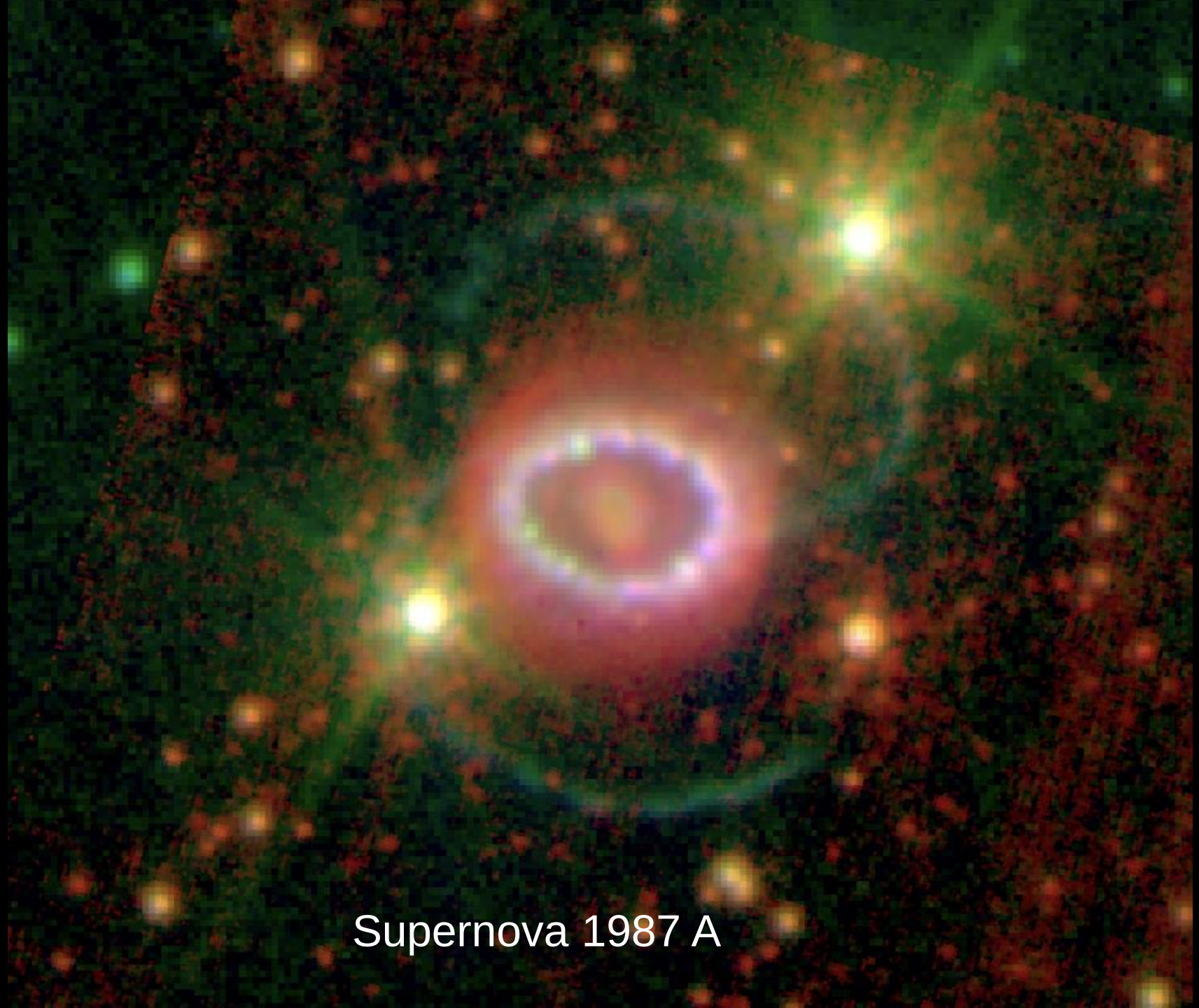


M16 – Pillars of Creation

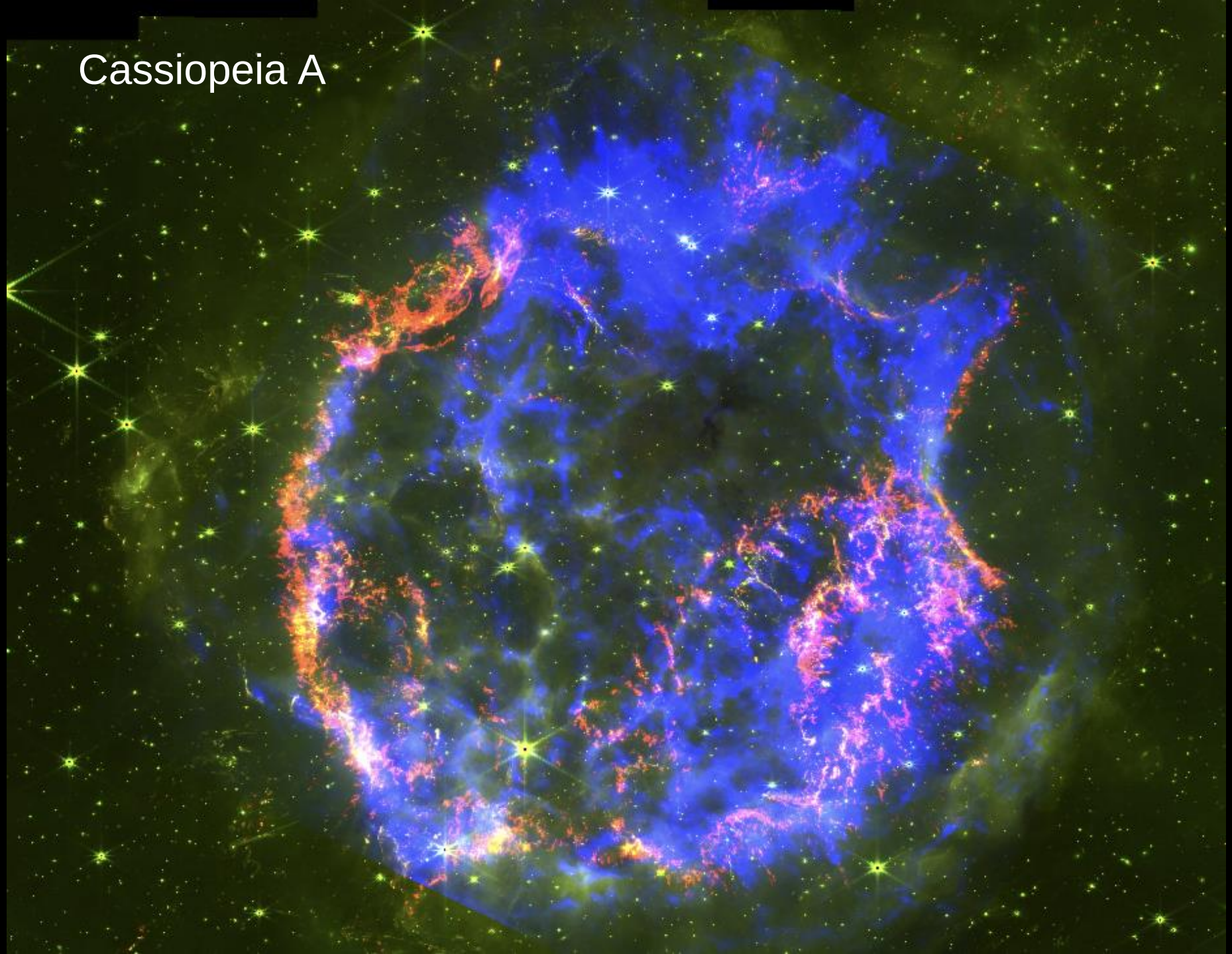


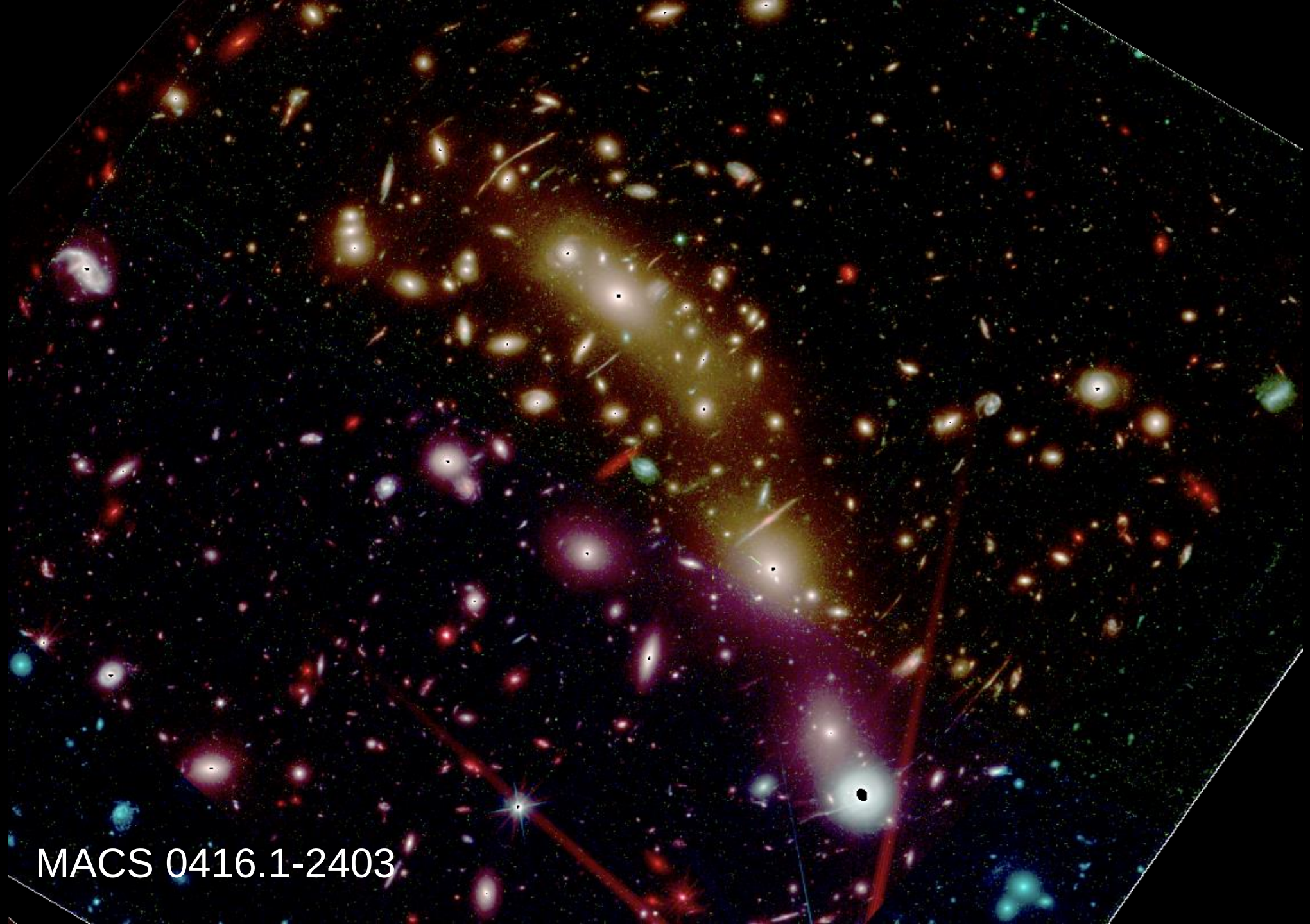


M1 – Crab Nebula



Supernova 1987 A


Cassiopeia A


MACS 0416.1-2403


Many thanks for
your attention!