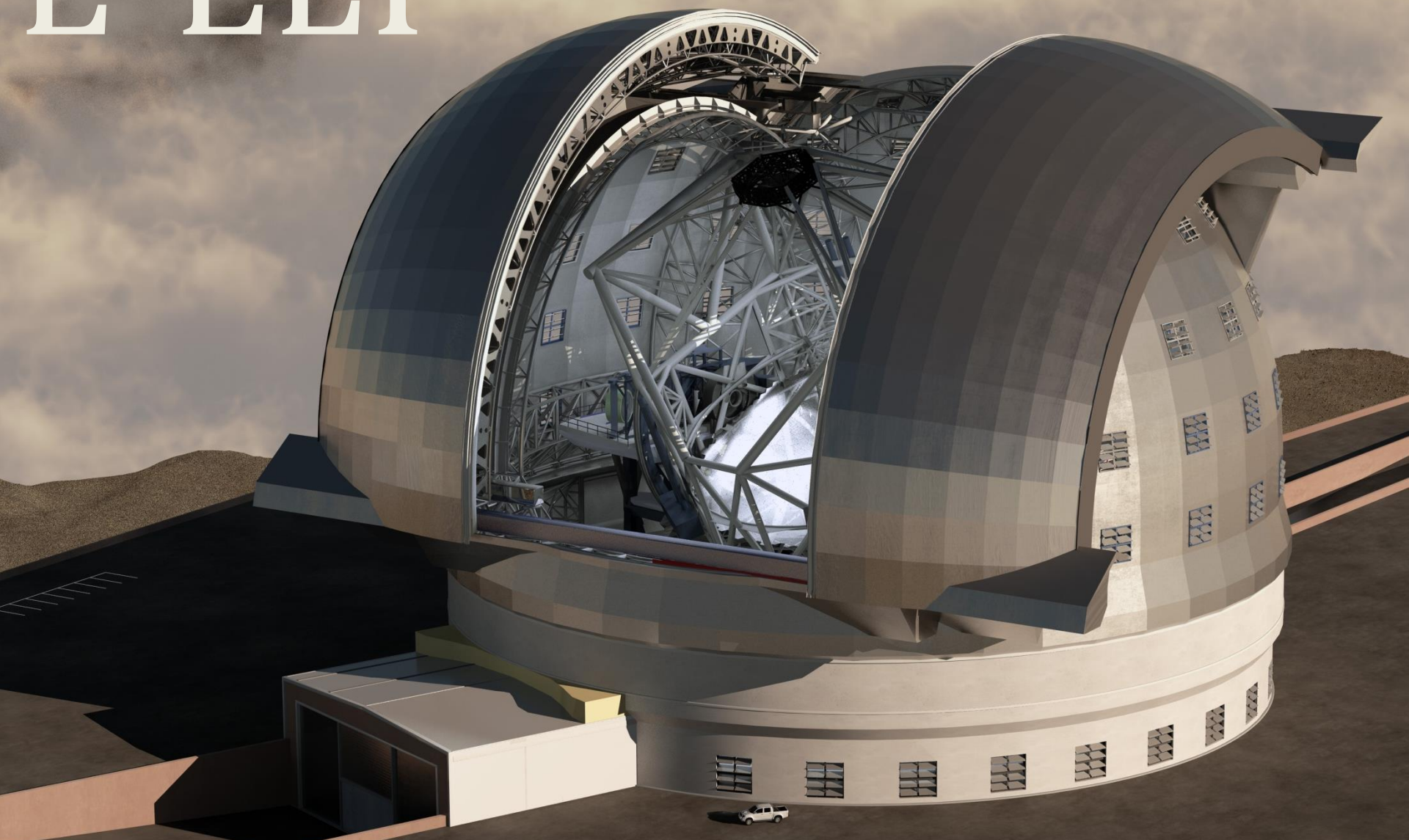


E-ELT

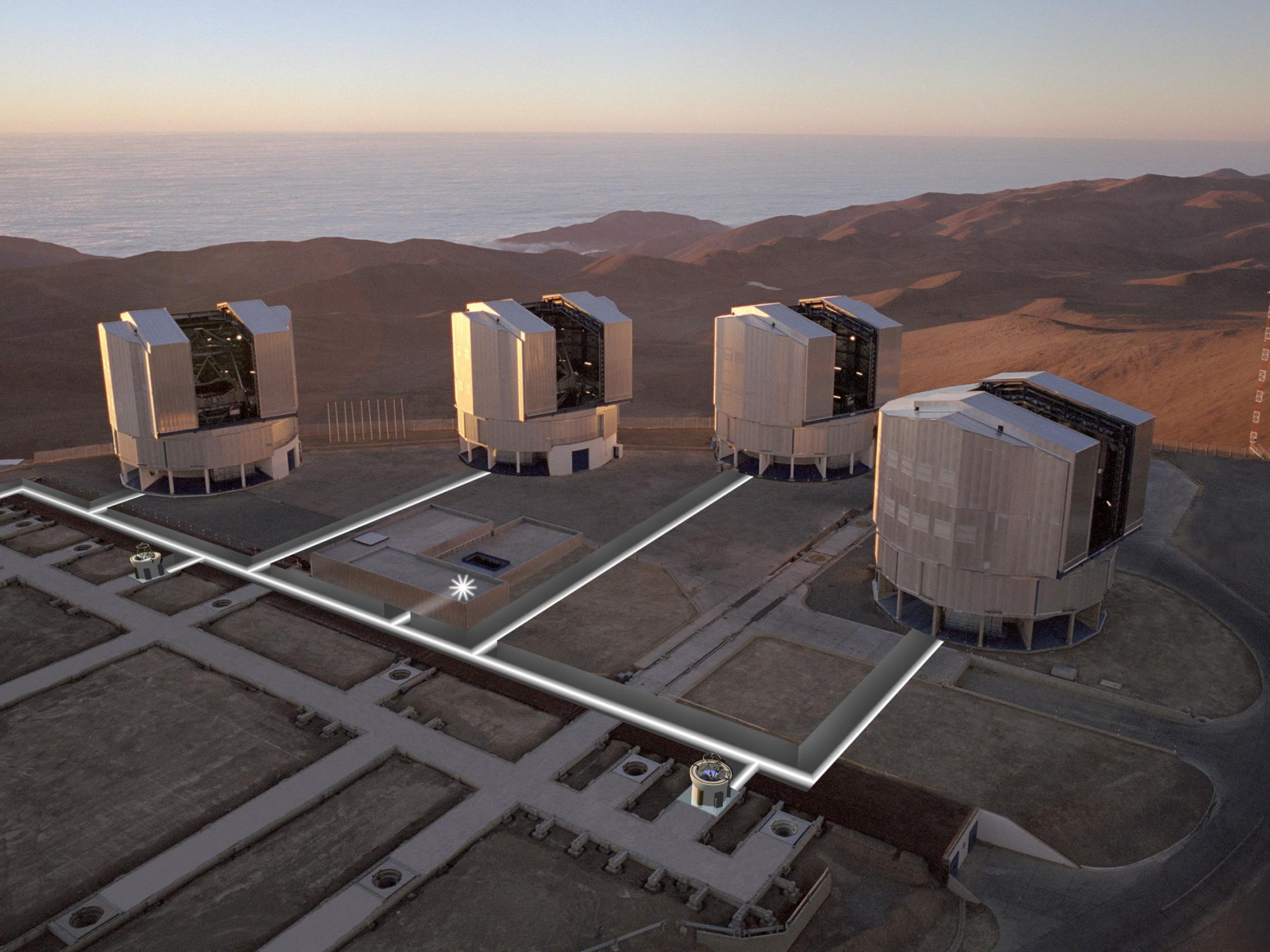


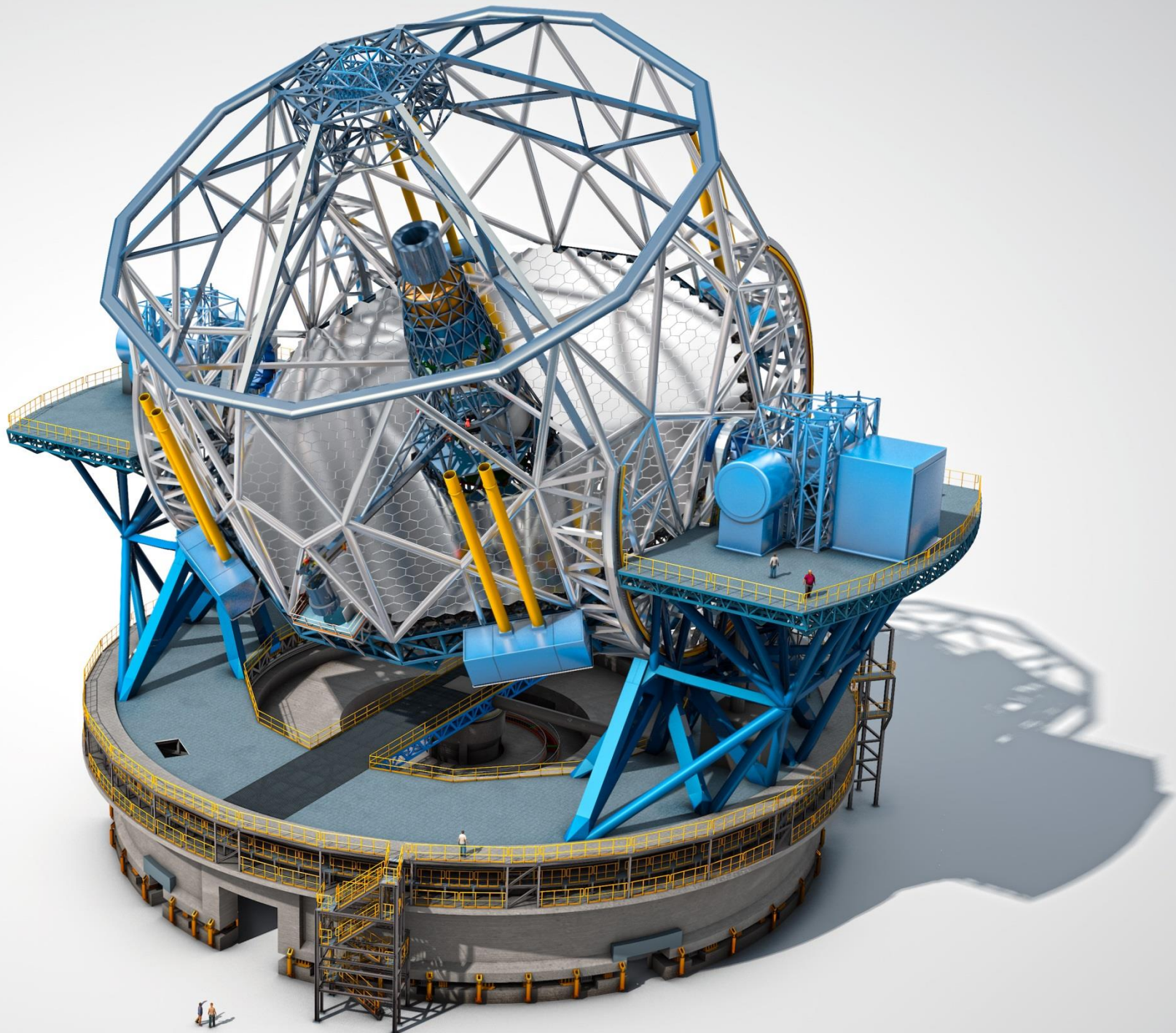
João Paulo M. Cruvinel da Costa – Centro de Divulgação da Astronomia - USP

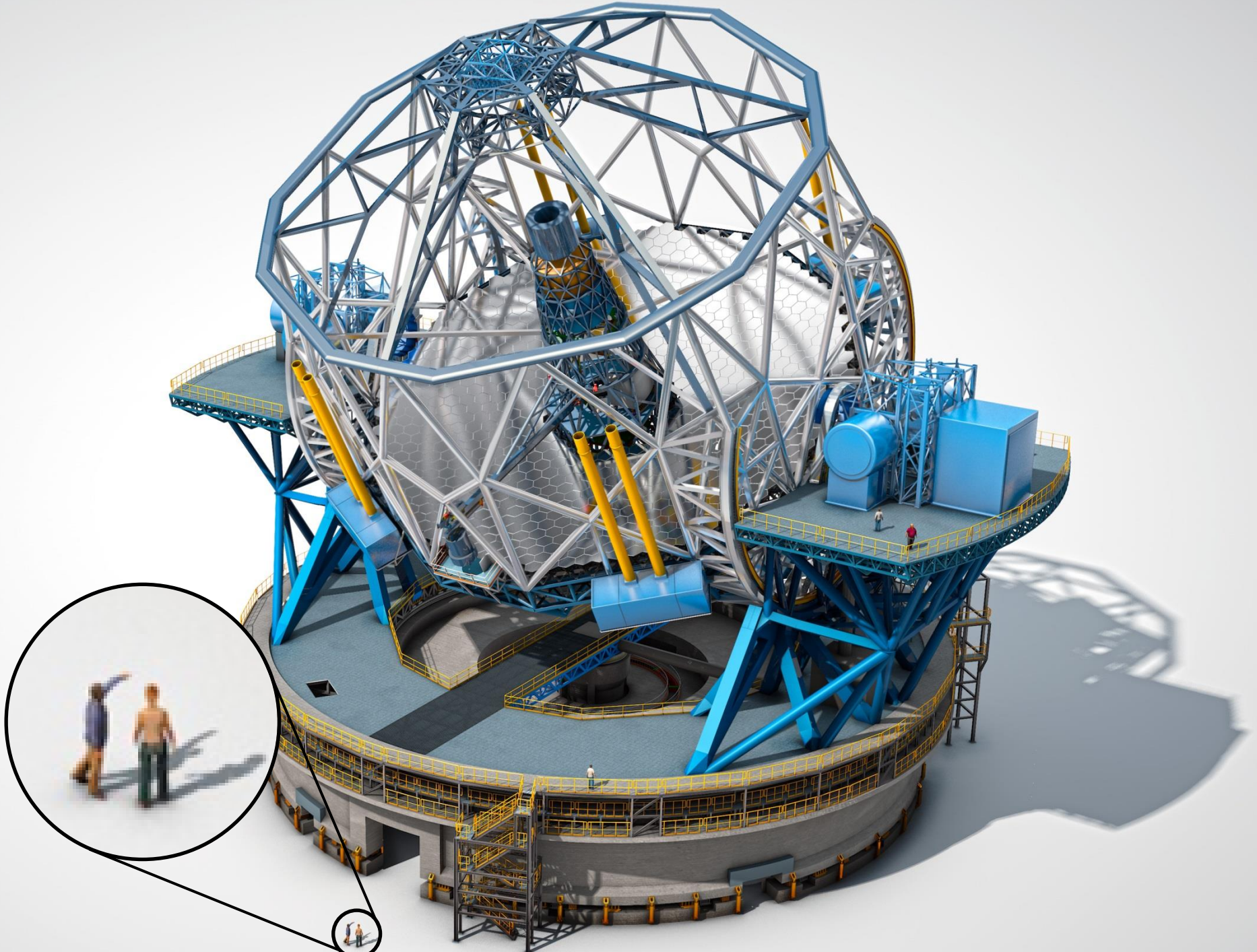
ES
O

The image features a logo on a solid blue background. The logo consists of the letters 'ES' in a white, serif font, positioned above the letter 'O', which is also in a white, serif font. The 'O' is significantly larger than the 'ES'. Four white, four-pointed stars are arranged around the text: one at the top center, one to the left of the 'ES', one to the right of the 'ES', and one at the bottom center.











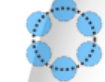


Great Paris Exhibition Telescope
(lens at the same scale)
Paris, France (1900)

Yerkes Observatory
(40" refractor lens at the same scale)
Williams Bay, Wisconsin (1893)

Hooker (100")
Mt Wilson, California (1917)

Hale (200")
Mt Palomar, California (1948)



Multi Mirror Telescope
(1979-1998)
Mount Hopkins, Arizona



BTA-6 (Large Altazimuth Telescope)
Zelenchuksky, Russia (1975)

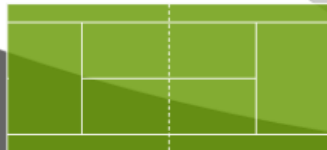


Large Zenith Telescope
British Columbia, Canada (2003)

Gaia
Earth-Sun L2 point (2014)

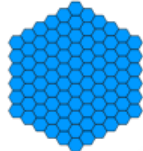


James Webb Space Telescope
Earth-Sun L2 point (planned 2018)



Tennis court at the same scale

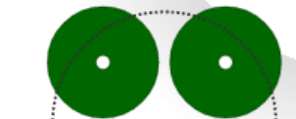
Large Sky Area Multi-Object Fiber Spectroscopic Telescope
Hebei, China (2009)



Hobby-Eberly Telescope
Davis Mountains, Texas (1996)



Large Binocular Telescope
Mount Graham, Arizona (2005)



Kepler
Earth-trailing solar orbit (2009)

Hubble Space Telescope
Low Earth Orbit (1990)



Very Large Telescope
Cerro Paranal, Chile (1998-2000)



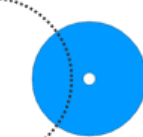
Magellan Telescopes
Las Campanas, Chile (2000/2002)



Gran Telescopio Canarias
La Palma, Canary Islands, Spain (2007)



Southern African Large Telescope
Sutherland, South Africa (2005)



Keck Telescope
Mauna Kea, Hawaii (1993/1996)



Gemini North
Mauna Kea, Hawaii (1999)



Gemini South
Cerro Pachón, Chile (2000)



Large Synoptic Survey Telescope
El Peñón, Chile (planned 2020)

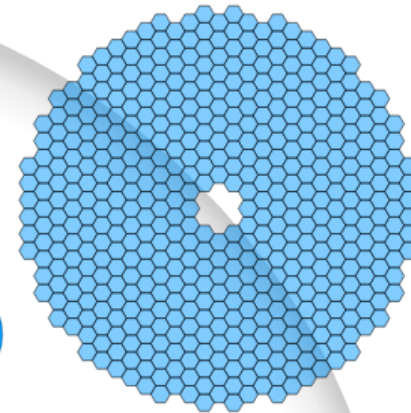


Giant Magellan Telescope
Las Campanas Observatory, Chile (planned 2020)



Overwhelmingly Large Telescope
(cancelled)

Arecibo radio telescope at the same scale



Thirty Meter Telescope
Mauna Kea, Hawaii (planned 2022)

Subaru Telescope
Mauna Kea, Hawaii (1999)

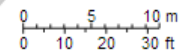


European Extremely Large Telescope
Cerro Armazones, Chile (planned 2022)



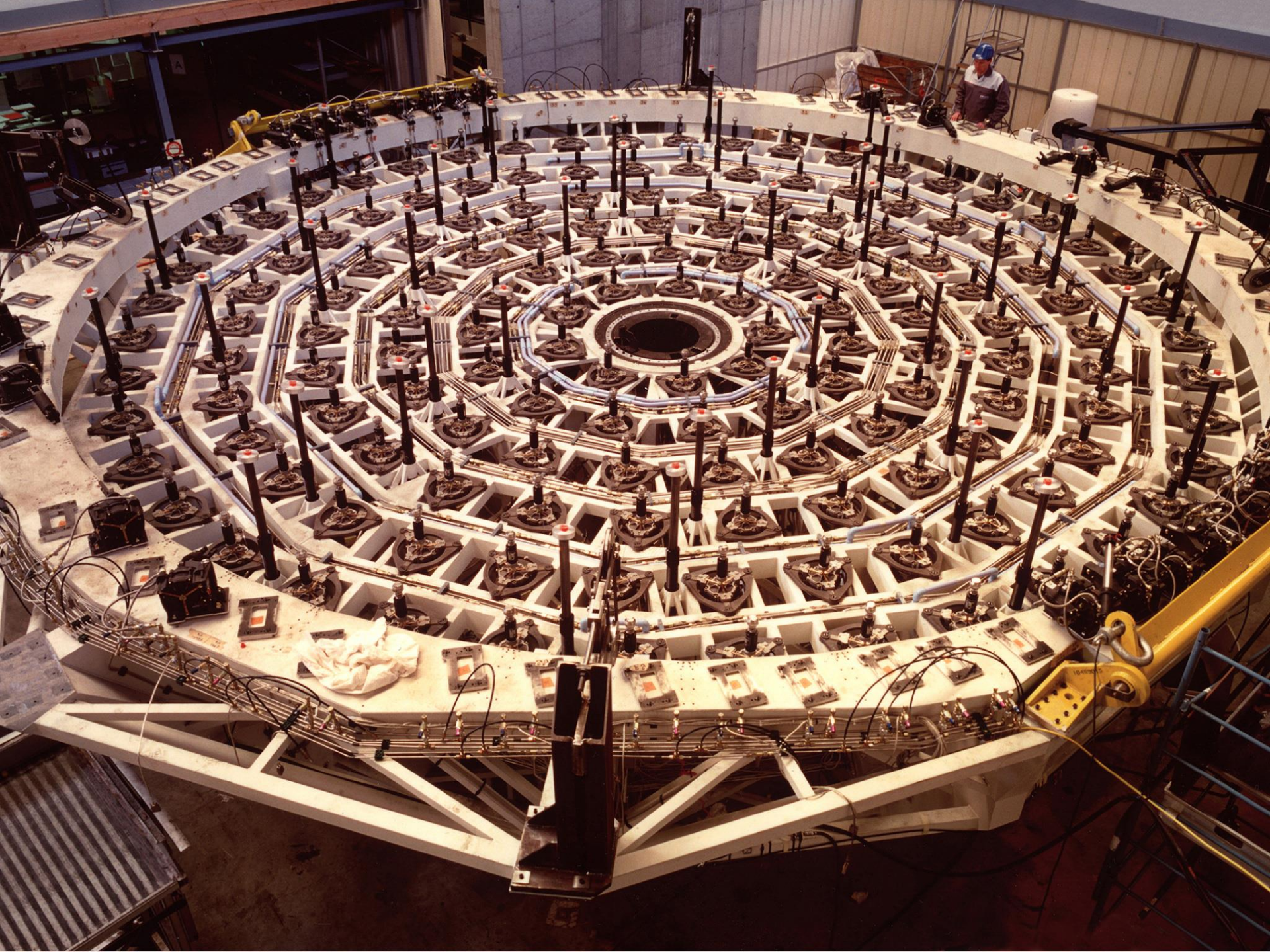
European Extremely Large Telescope
Cerro Armazones, Chile (planned 2022)

Human at the same scale



Basketball court at the same scale

- THE VERY LARGE TELESCOPE
- THE EXTREMELY LARGE TELESCOPE
- THE OVERWHELMINGLY LARGE TELESCOPE (CANCELED)
- THE OPPRESSIVELY COLOSSAL TELESCOPE
- THE MIND-NUMBINGLY VAST TELESCOPE
- THE DESPAIR TELESCOPE
- THE CATAclySMIC TELESCOPE
- THE TELESCOPE OF DEVASTATION
- THE NIGHTMARE SCOPE
- THE INFINITE TELESCOPE
- THE FINAL TELESCOPE



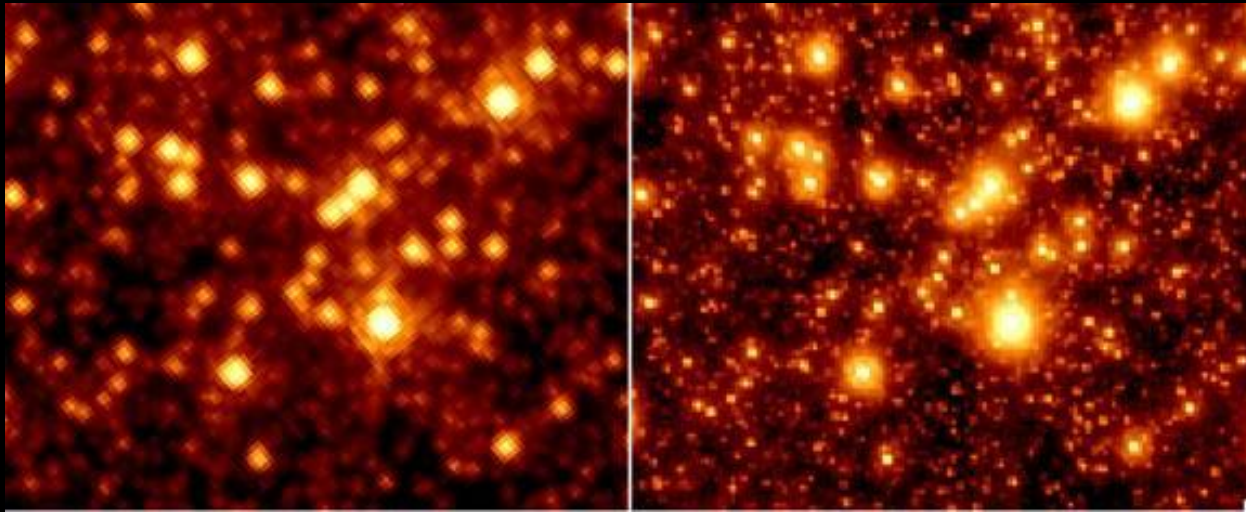


Triple star

Distance = 0,16 Arcseconds

Without adaptive Optics

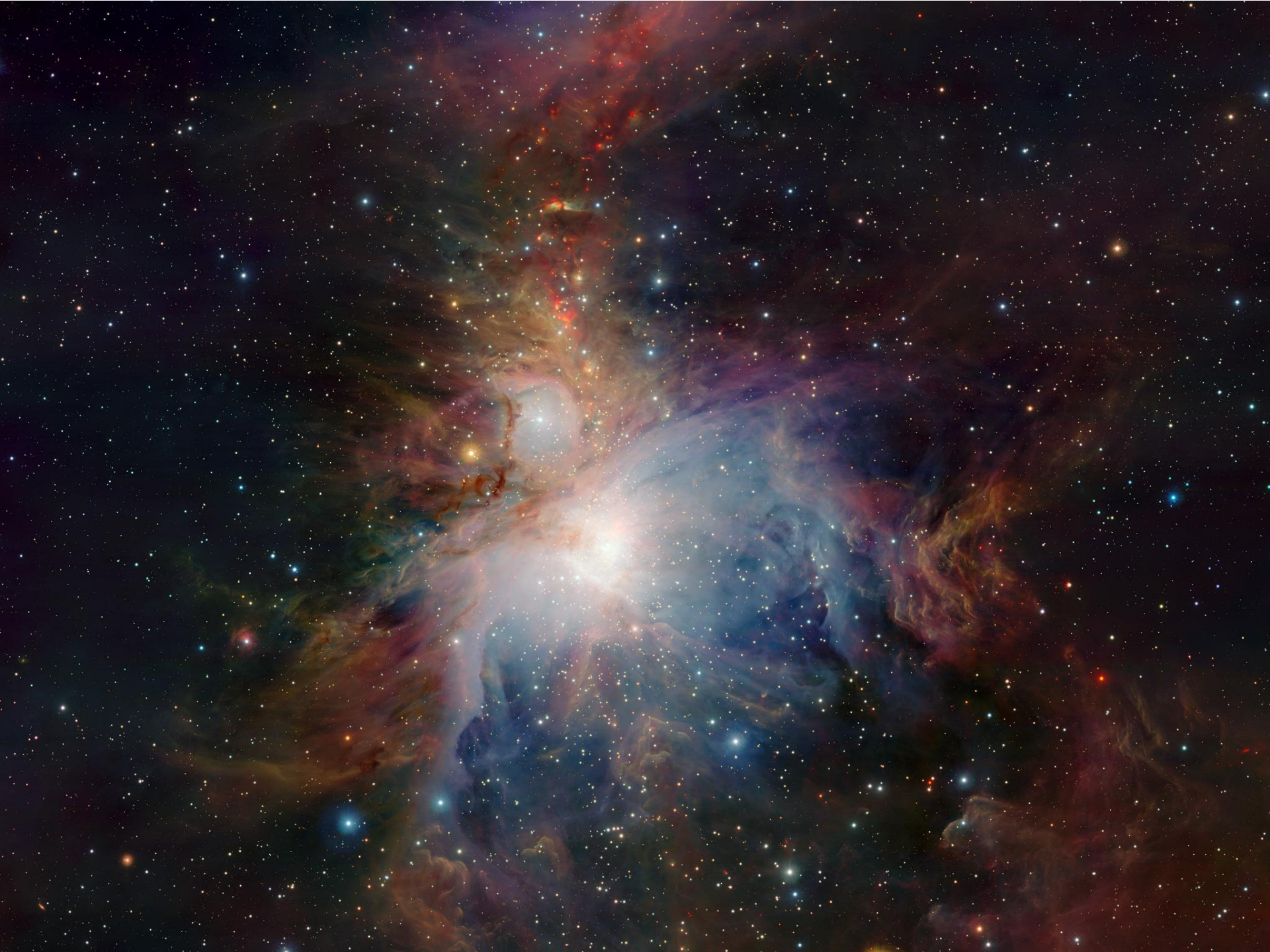
With adaptive optics





















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