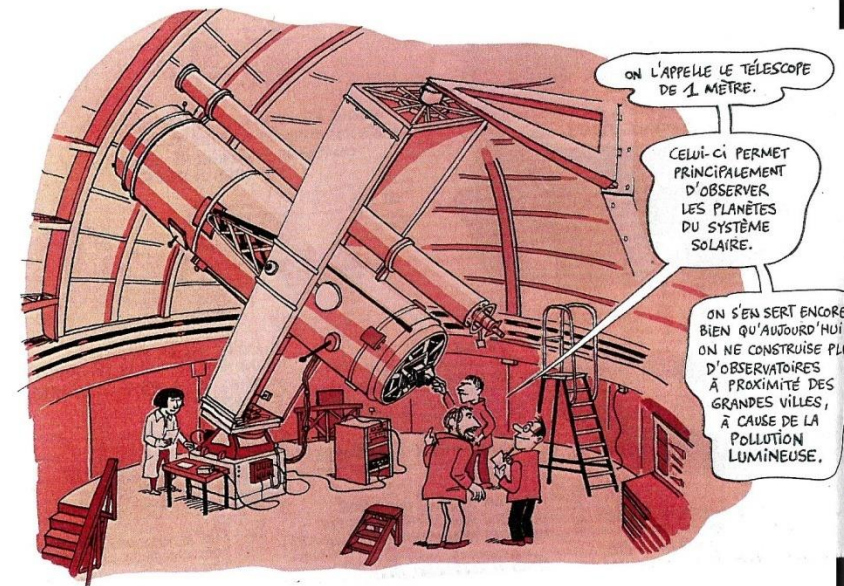
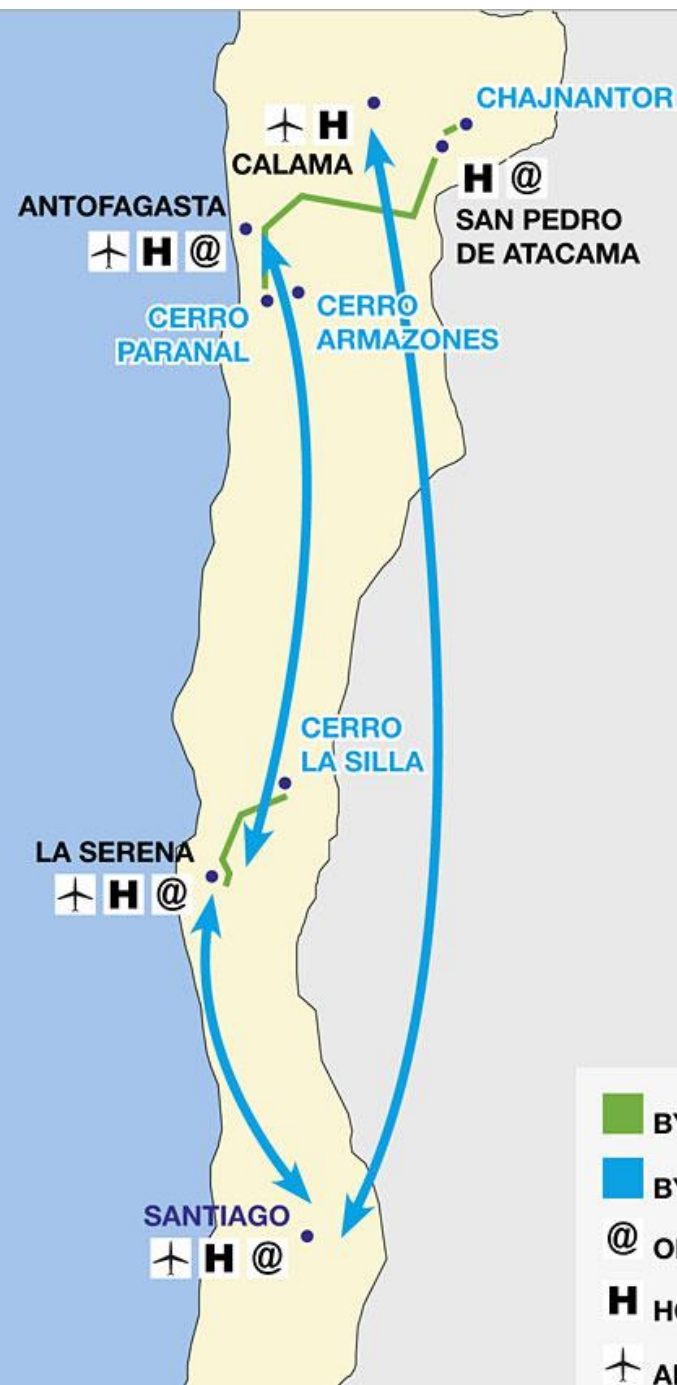




L'astronomie européenne au Chili: l'ESO

Dominique Proust
(Observatoire de Paris, Observatoire Européen Austral)



Observatoire de La Silla









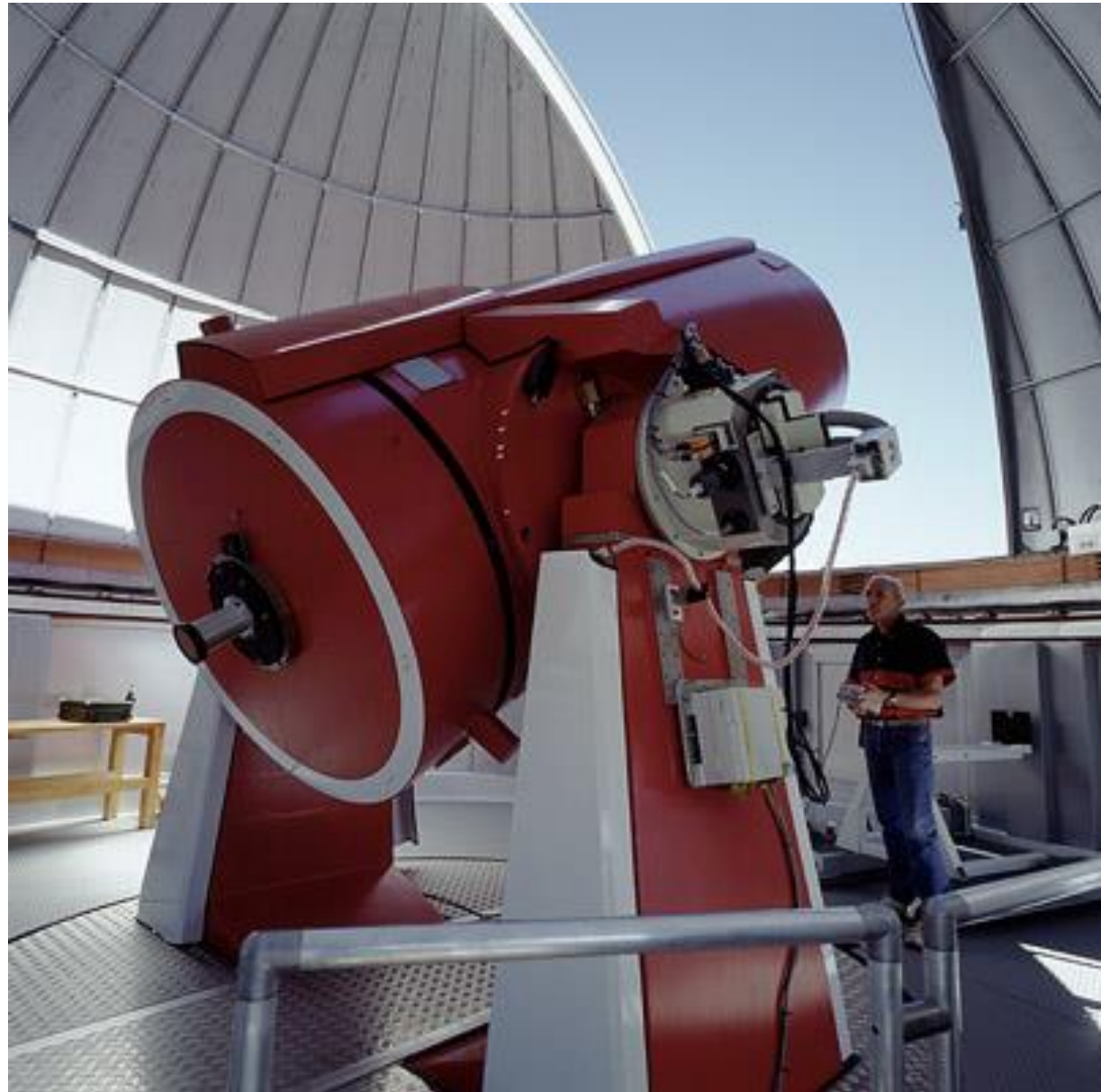






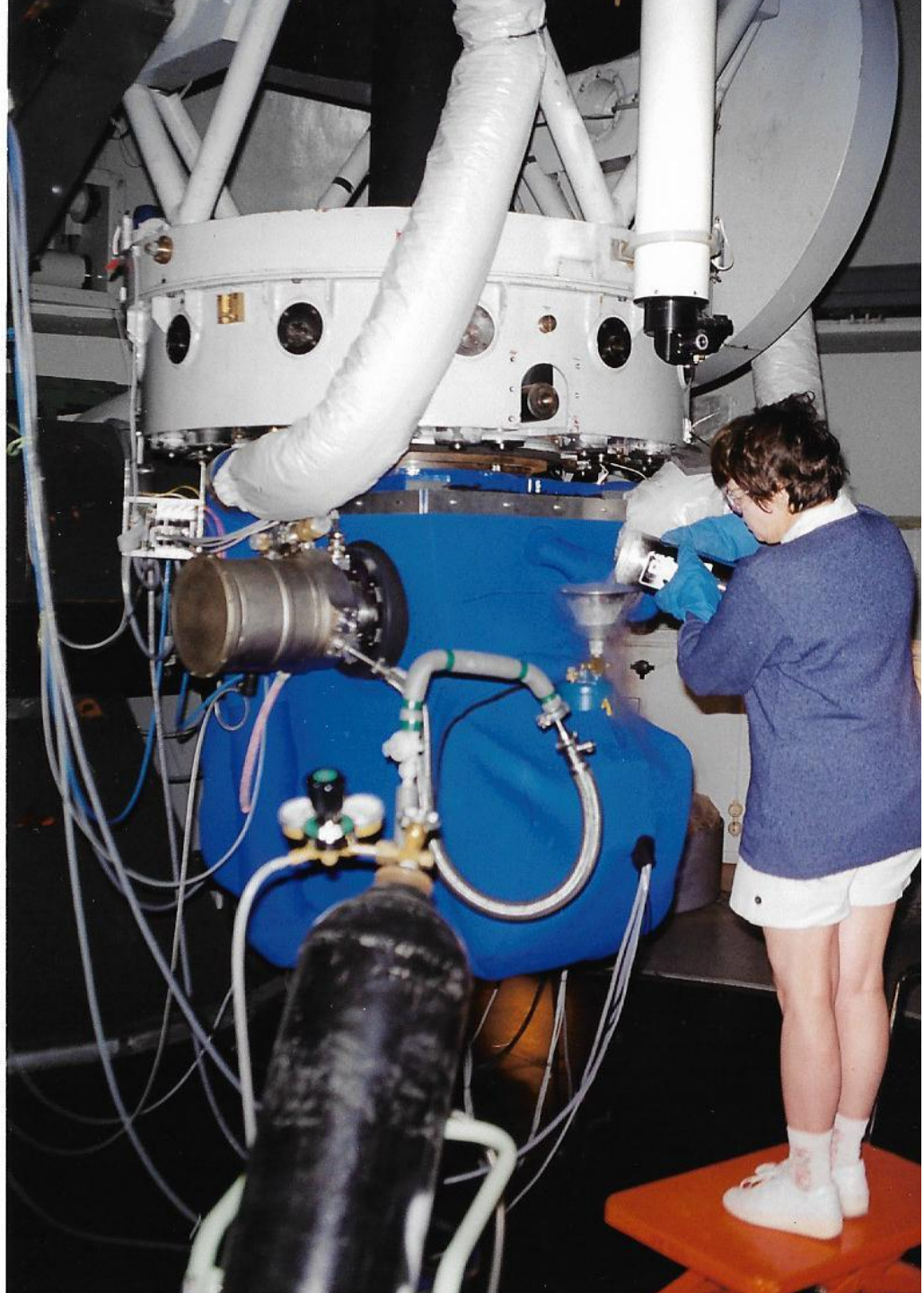
**Le télescope suisse
Euler de 1.20m
installé à La Silla
au Chili.**

**De nombreuses
exoplanètes ont
été découvertes
avec ce télescope.**





Le télescope photométrique de 1 mètre







**Le télescope de
3.60 mètres de
l'ESO à La Silla
au Chili.**







Salle de contrôle des télescopes

L'astronome observe le condor







**D'une tarentule à
l'autre**







Printemps à La Silla



Cerro Tololo depuis La Silla



Eclipse totale de Soleil du 3 juillet 2019

L'Observatoire de Paranal



L'observatoire



Dans le désert d'Atacama, au Chili

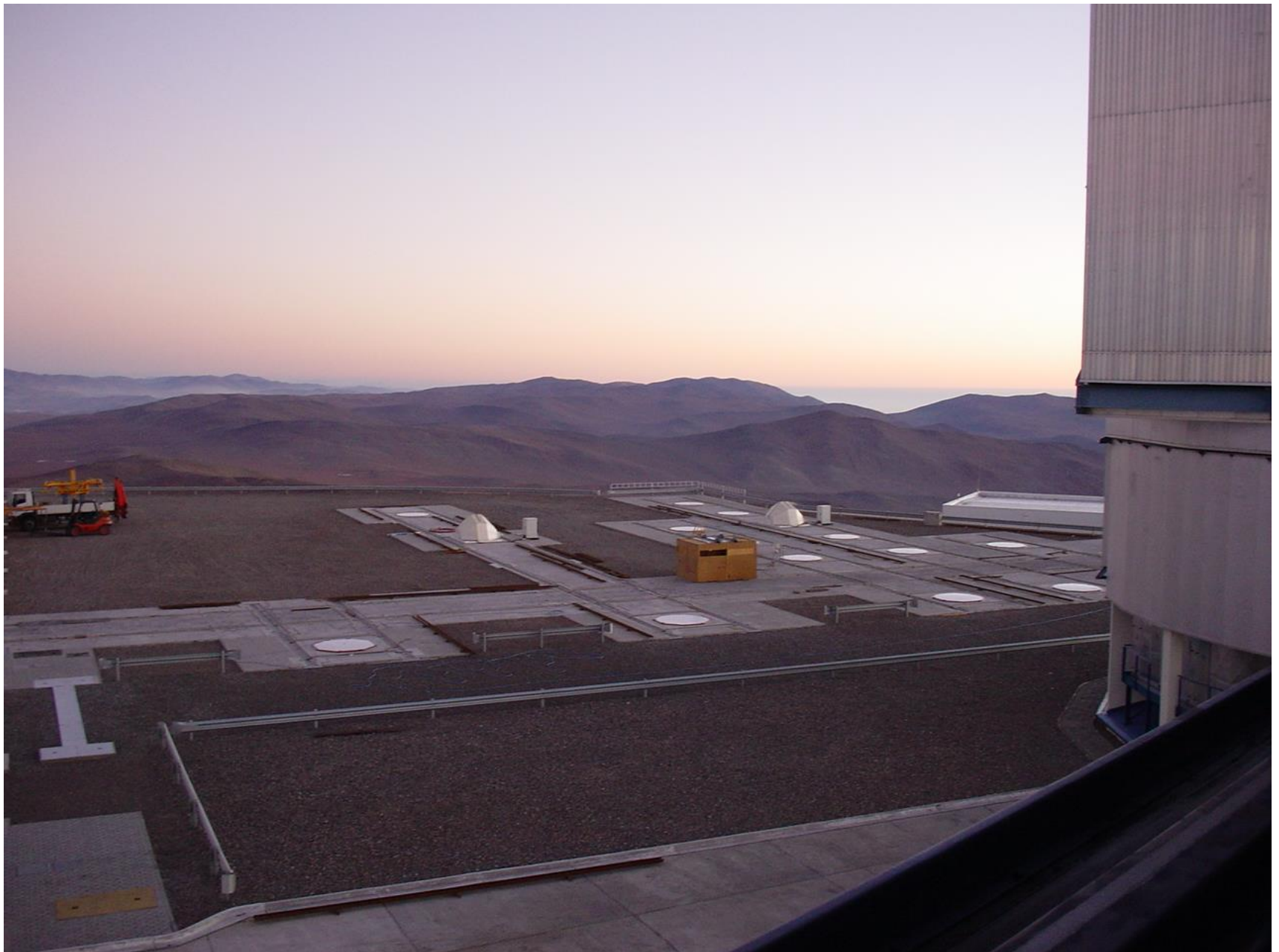
An aerial photograph showing a large, curved concrete structure, possibly a dam or a bridge, spanning a body of water. The structure has a series of vertical supports or pillars. The surrounding area is a mix of dark, possibly forested land and lighter, open areas. The water is visible in the foreground and background.

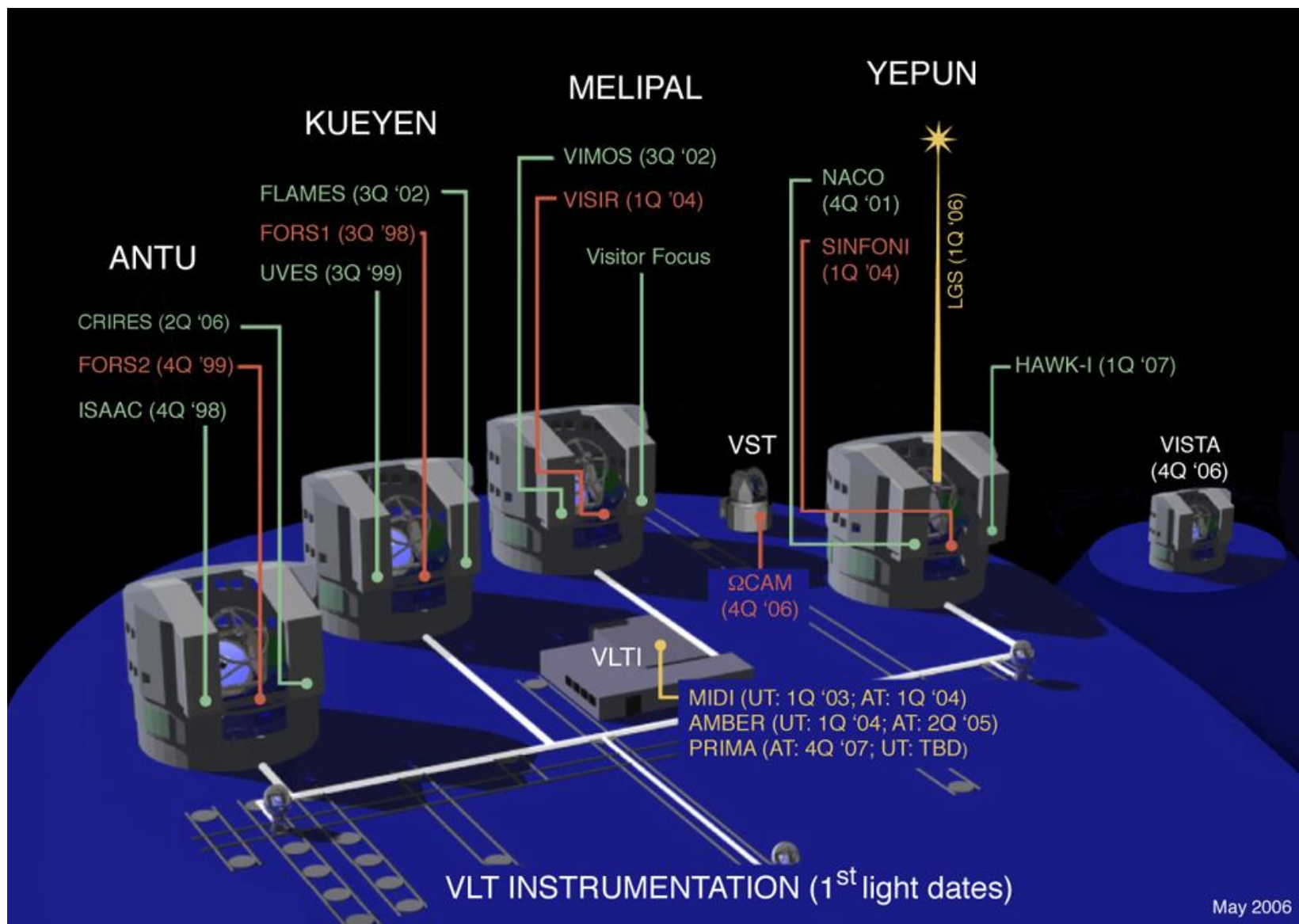


© 2004 Blackwell Publishing Ltd *Journal of Internal Medicine* 255: 103–110

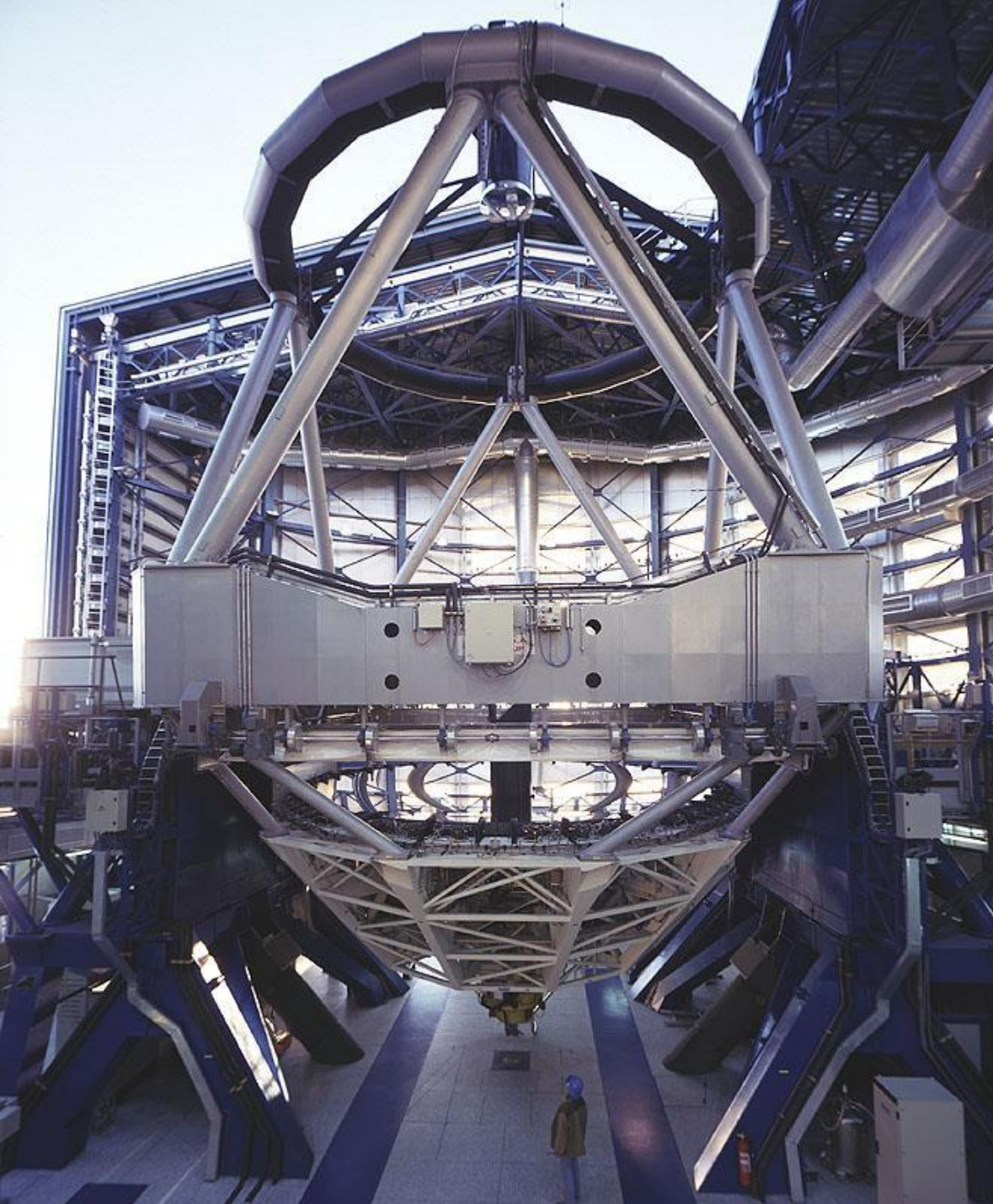








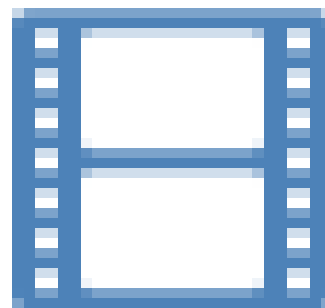




Un des quatre téléscopes géants

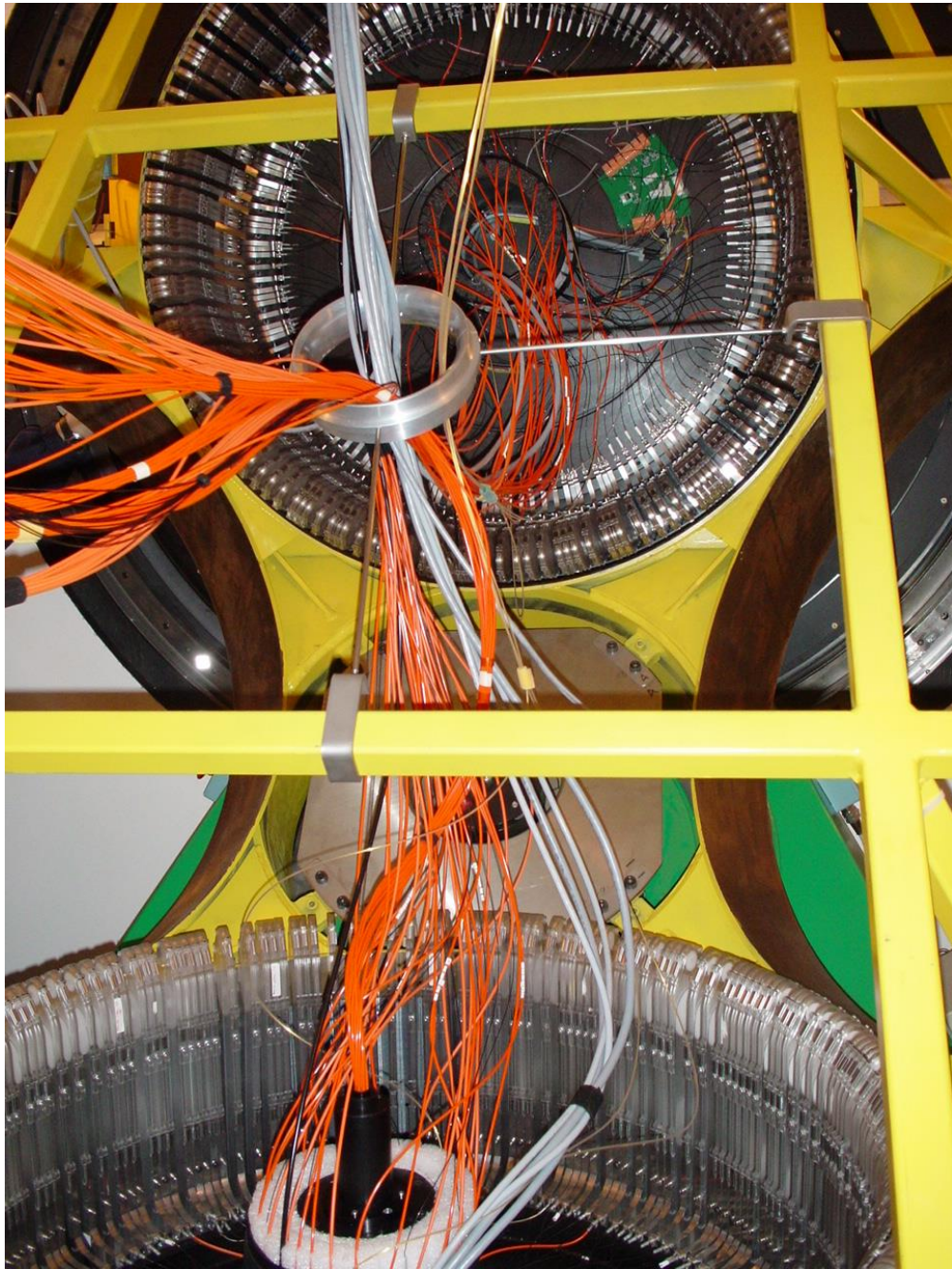
- le télescope pèse
400 tonnes.**
- le miroir mesure
8.20 mètres de
diamètre.**
- le miroir pèse
42 tonnes.**
- le bâtiment fait
50 mètres de haut.**

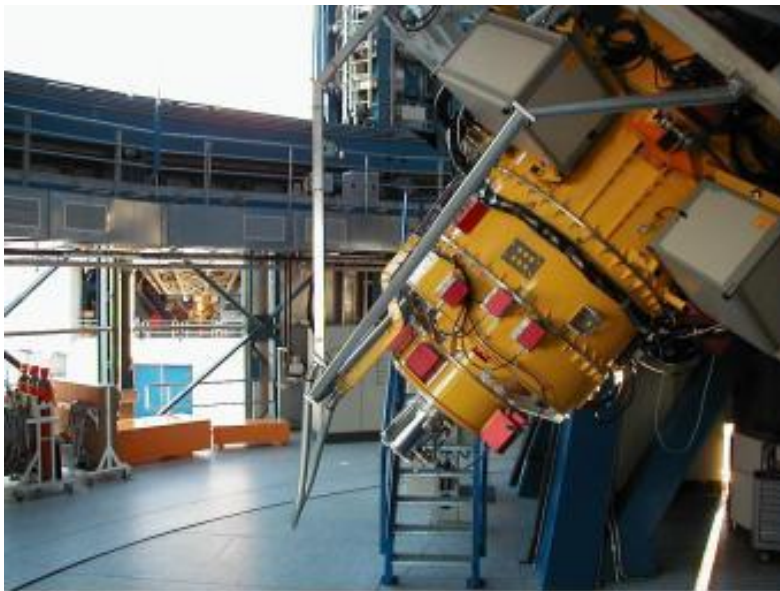












The FORS Twins at VLT ANTU and KUEYEN

ESO PR Photo 06a/99 (17 November 1999)

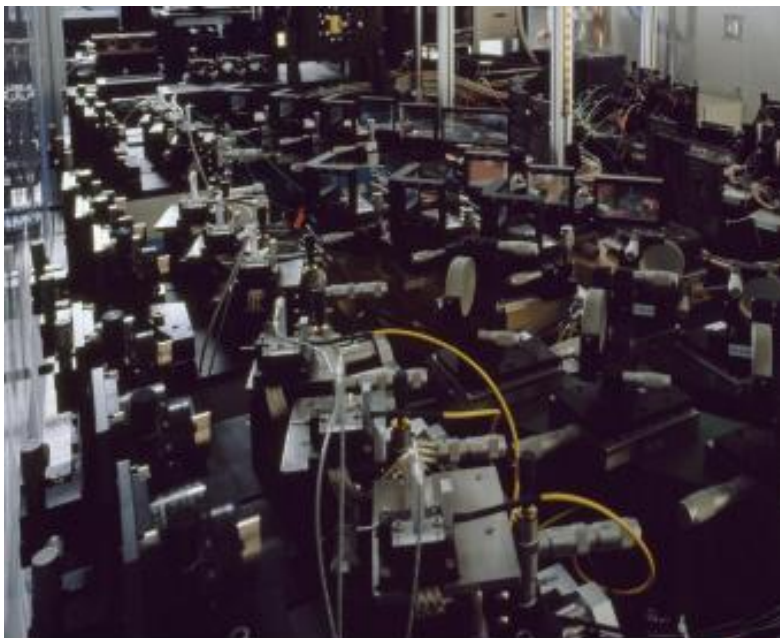
© European Southern Observatory



The HAWK-I Instrument at the VLT

ESO Press Photo 38a/07 (22 August 2007)

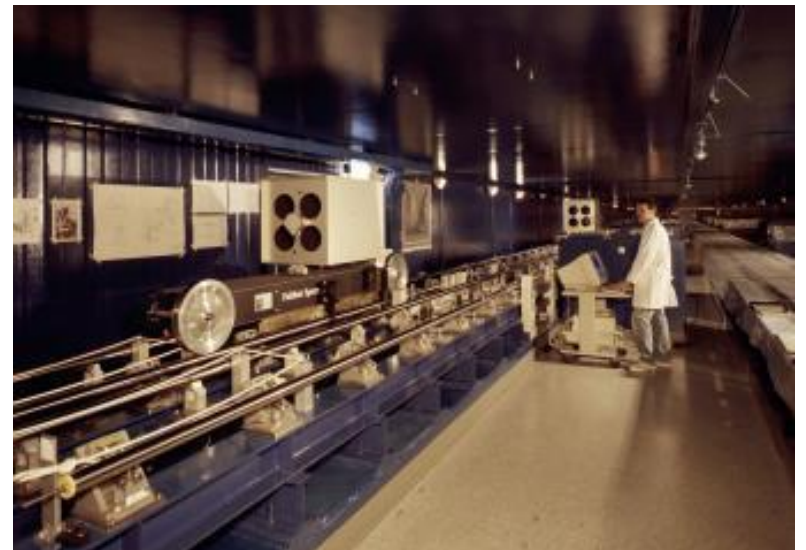
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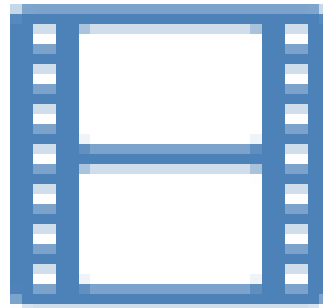


The AMBER Instrument

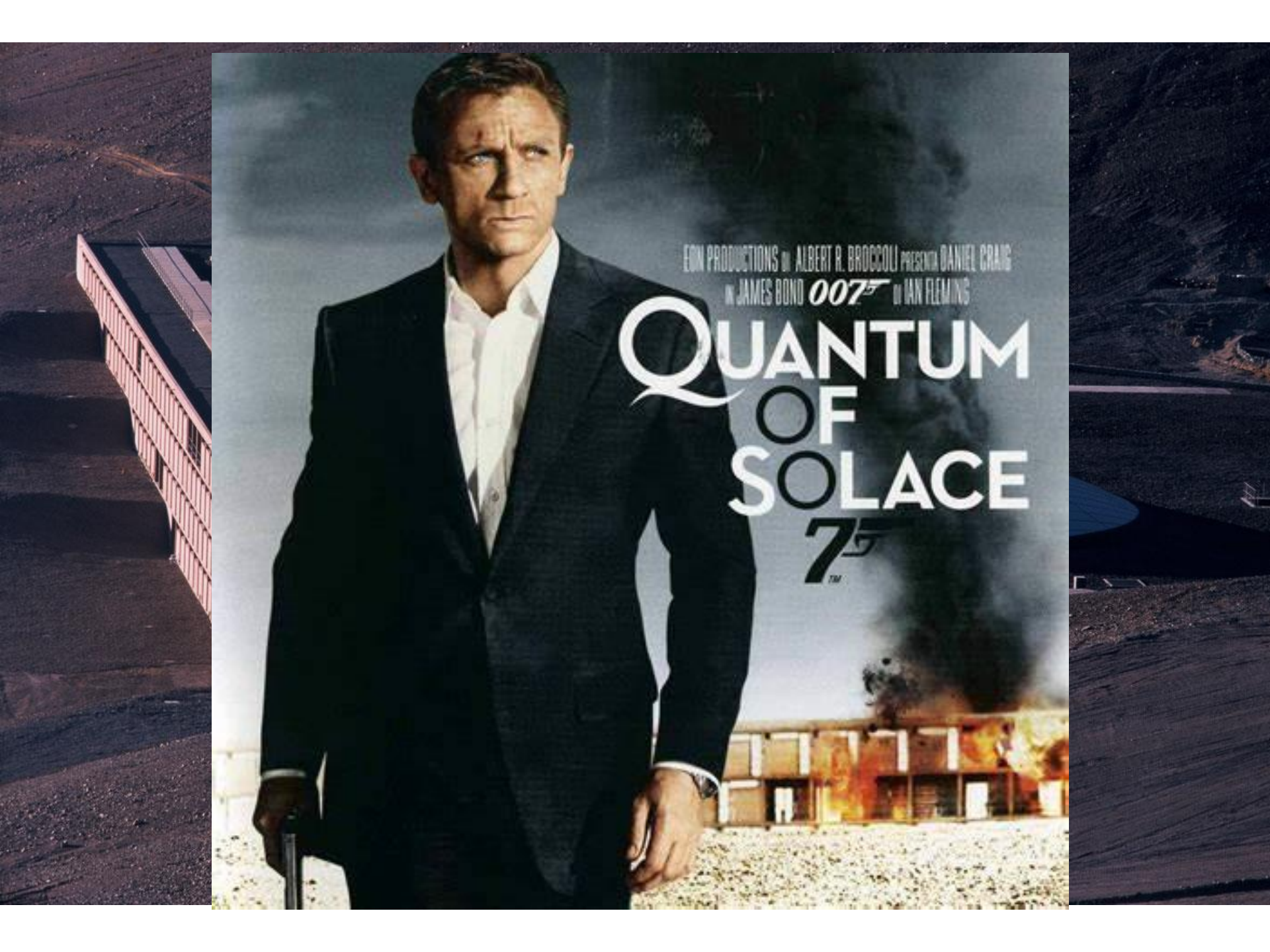
ESO Press Photo 06a/07 (21 February 2007)

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in JAMES BOND 007™ by IAN FLEMING

QUANTUM OF SOLACE 7™







Photograph: T. Slesnick

The Planet, the Galaxy and the Laser

ESO Press Photo 33a/07 (2 August 2007)

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Photograph: T. Slesnick

Shooting a Laser at the Galactic Centre

ESO Press Photo 33b/07 (2 August 2007)

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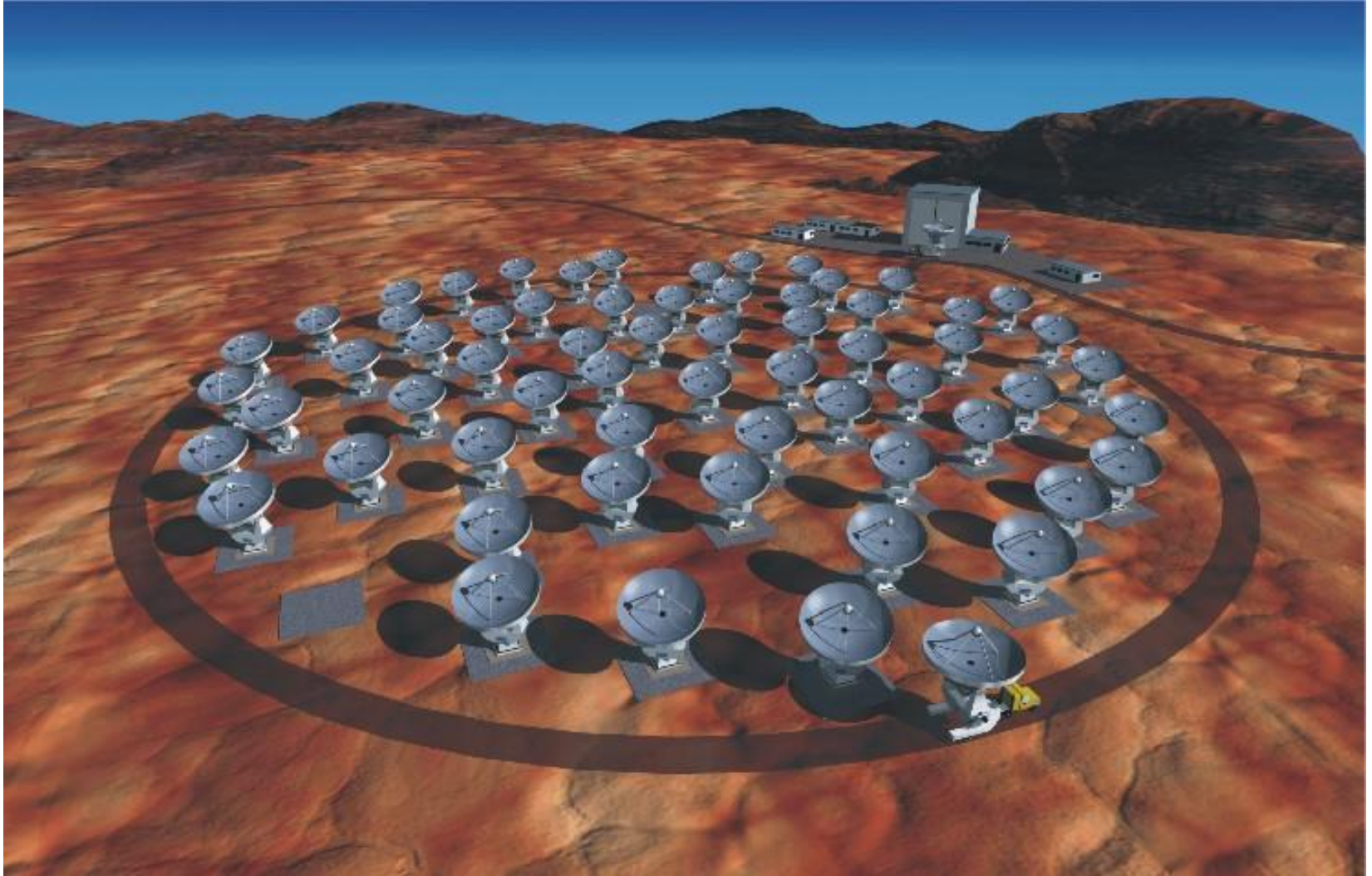
The Southern Sky Above Paranal

ESO PR Photo 34a/07 (December 21, 2006)









Les radiotélescopes du programme ALMA en construction dans les Andes au Chili à 5200 mètres d'altitude pour détecter de nouvelles planètes.



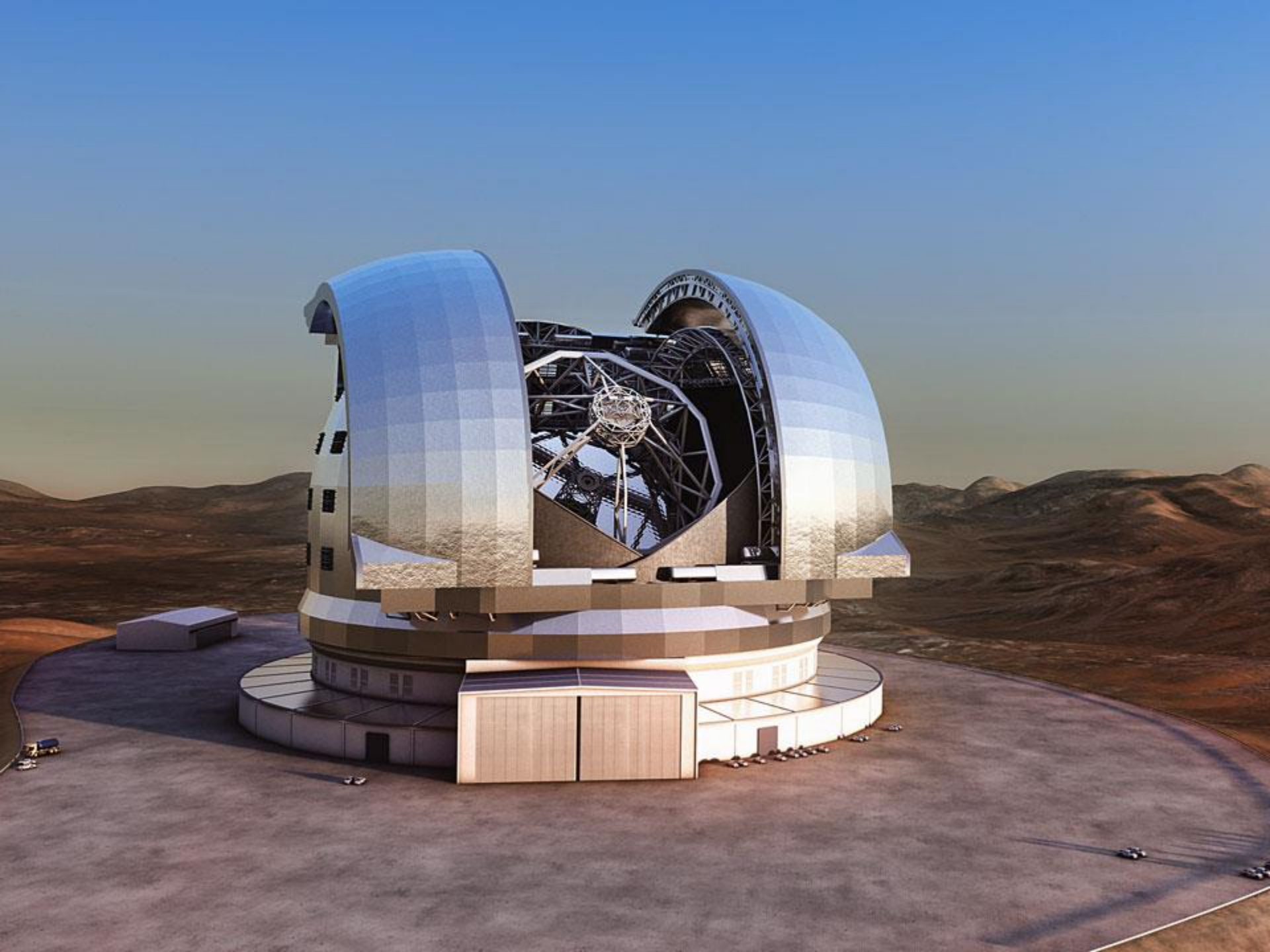




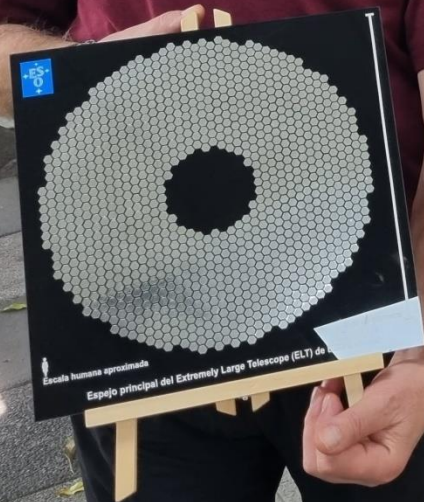


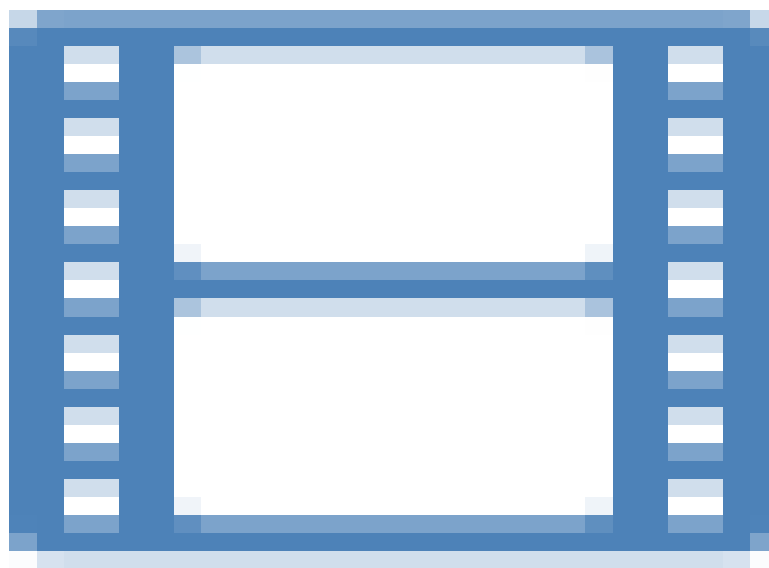


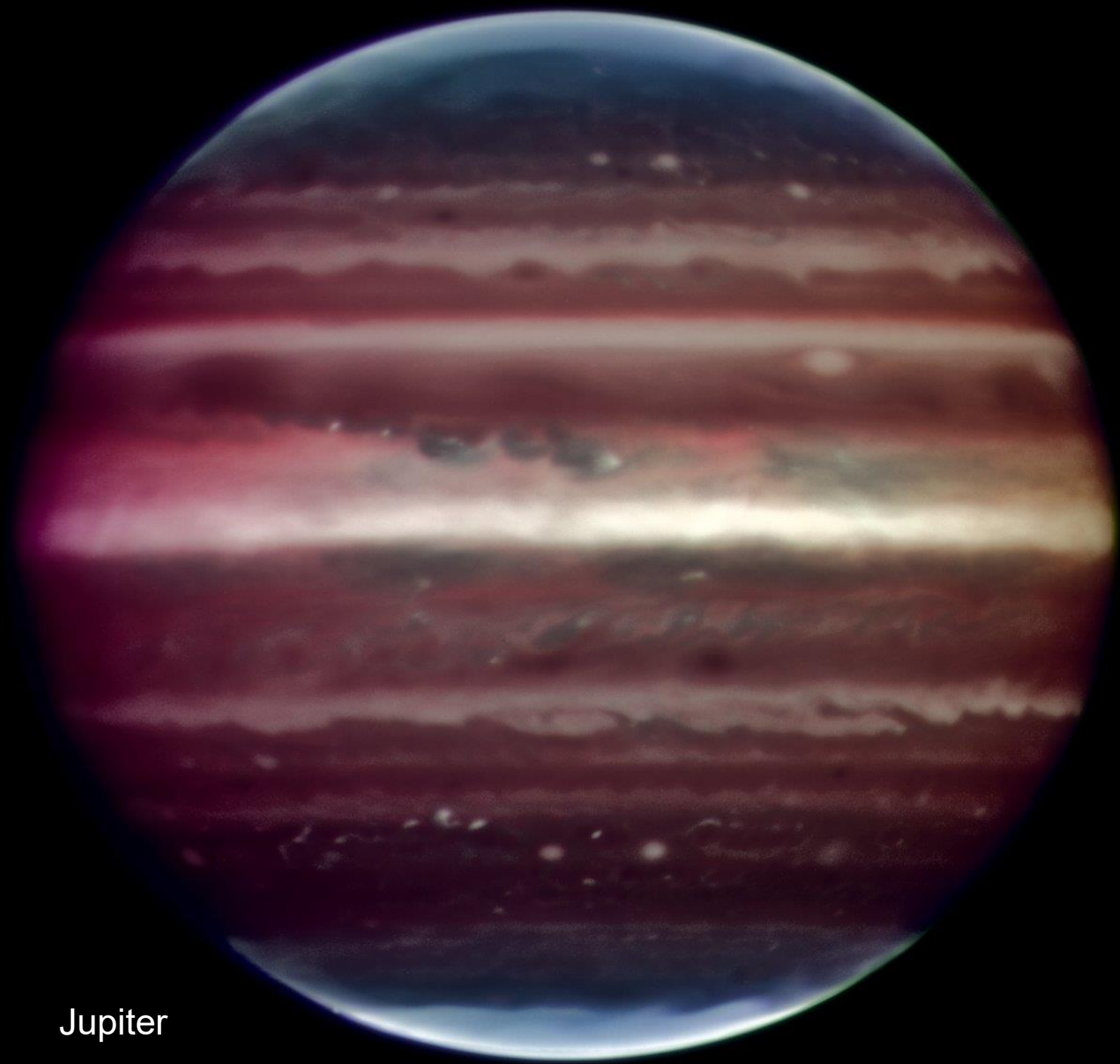
Cerro Amazonas











Jupiter



Saturne

Comète Mac-Naught



Comète Hale-Bopp



La Galaxie dans l'Aigle



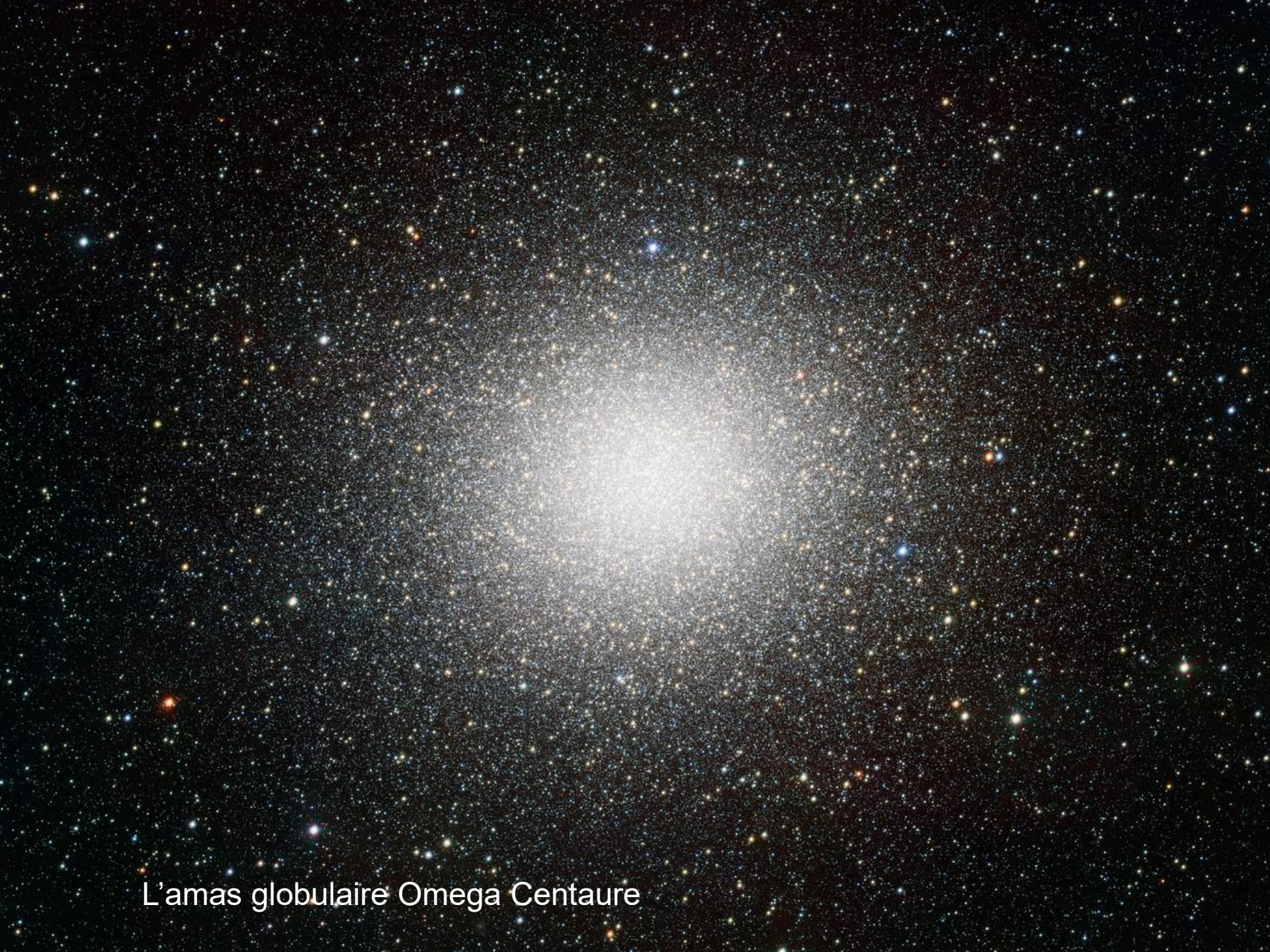




M57 dans la Lyre



Supernova du Crabe qui explosa le 4 juillet 1054



L'amas globulaire Omega Centaure



La nébuleuse d'Orion: une maternité d'étoiles



Le centre de la Galaxie



Le trou noir au centre de la Galaxie à 33 000 années-lumière



Galaxie spirale

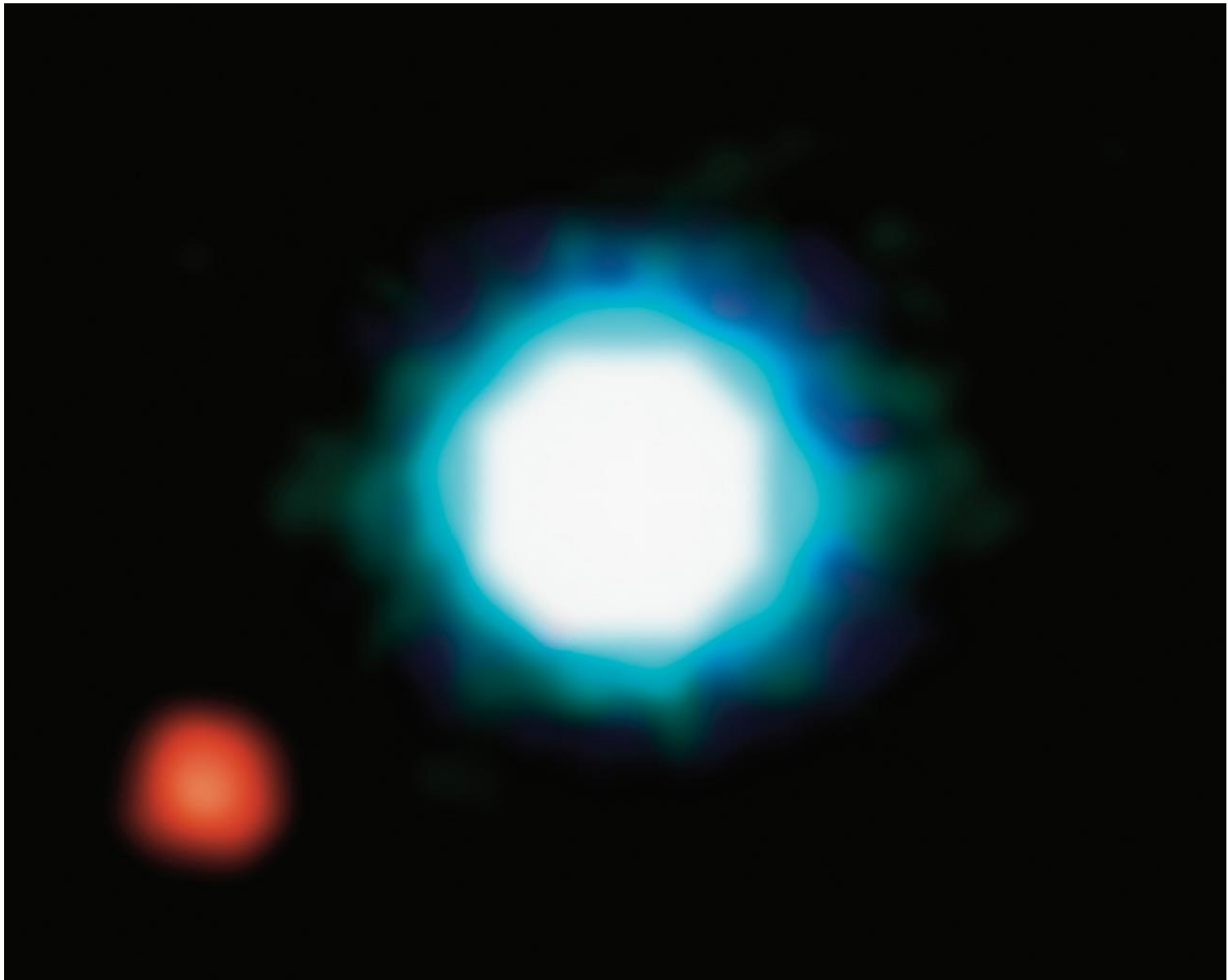


Galaxie spirale identique à la Voie lactée

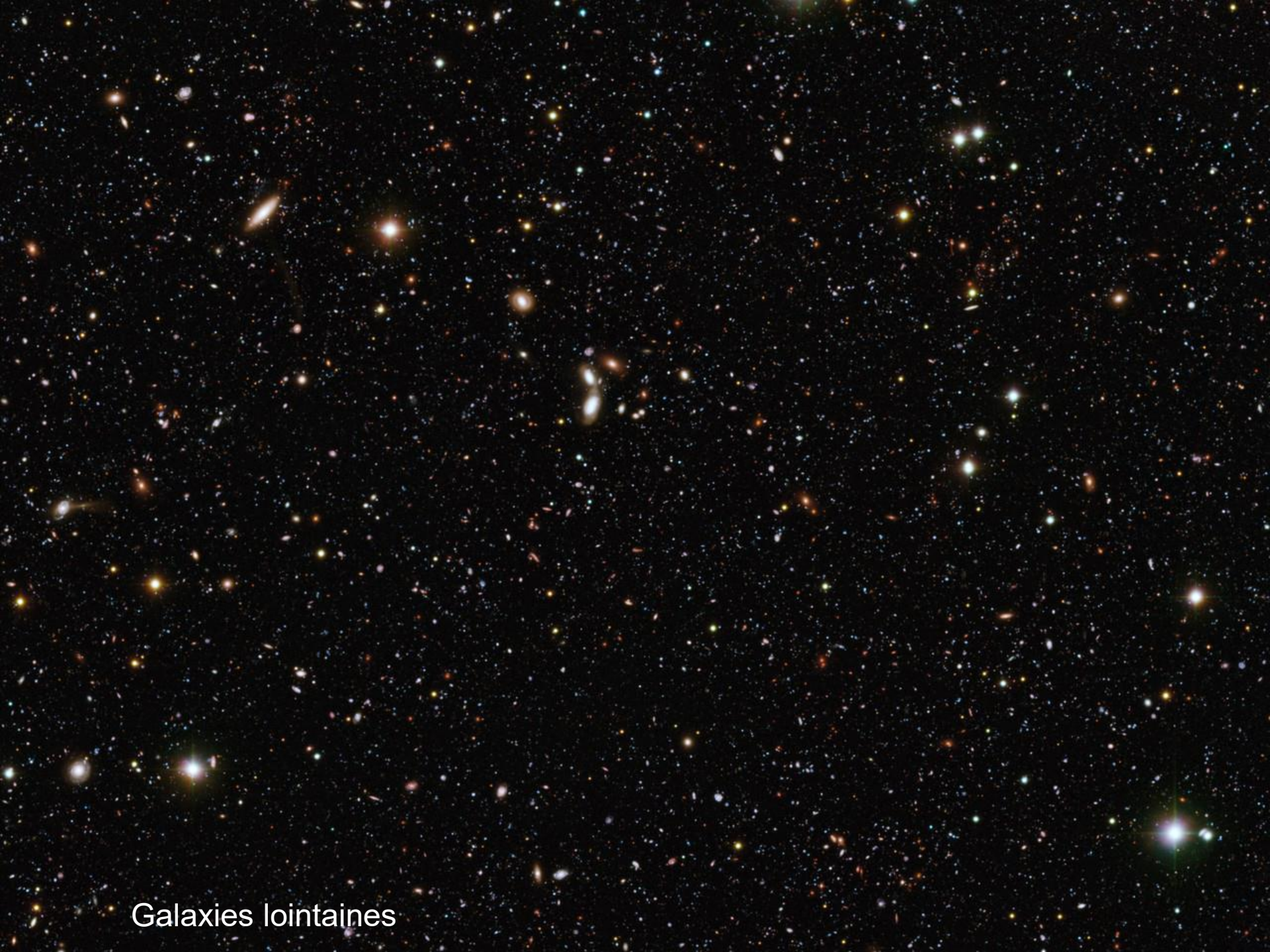




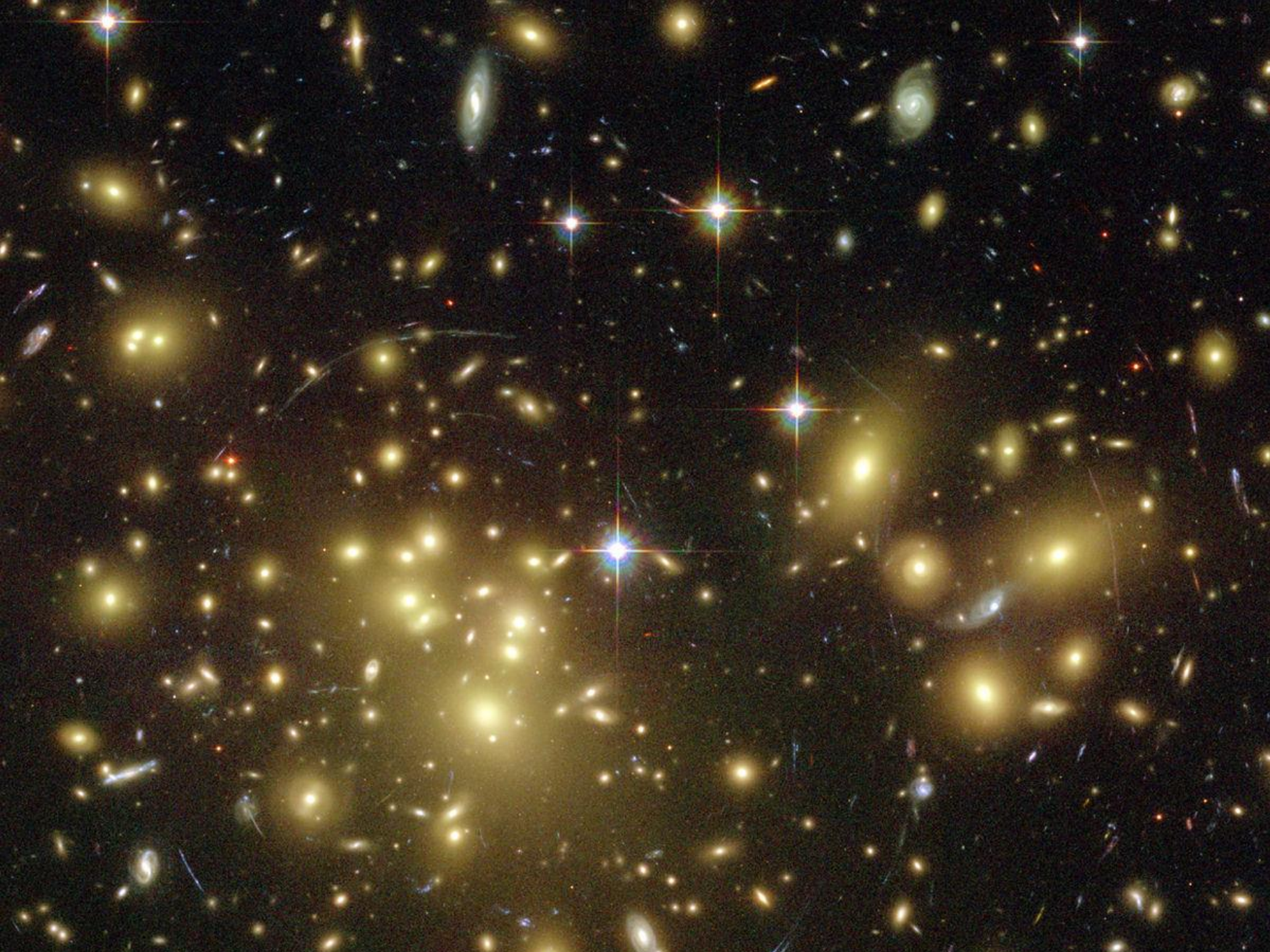
Radiogalaxie dans le Centaure



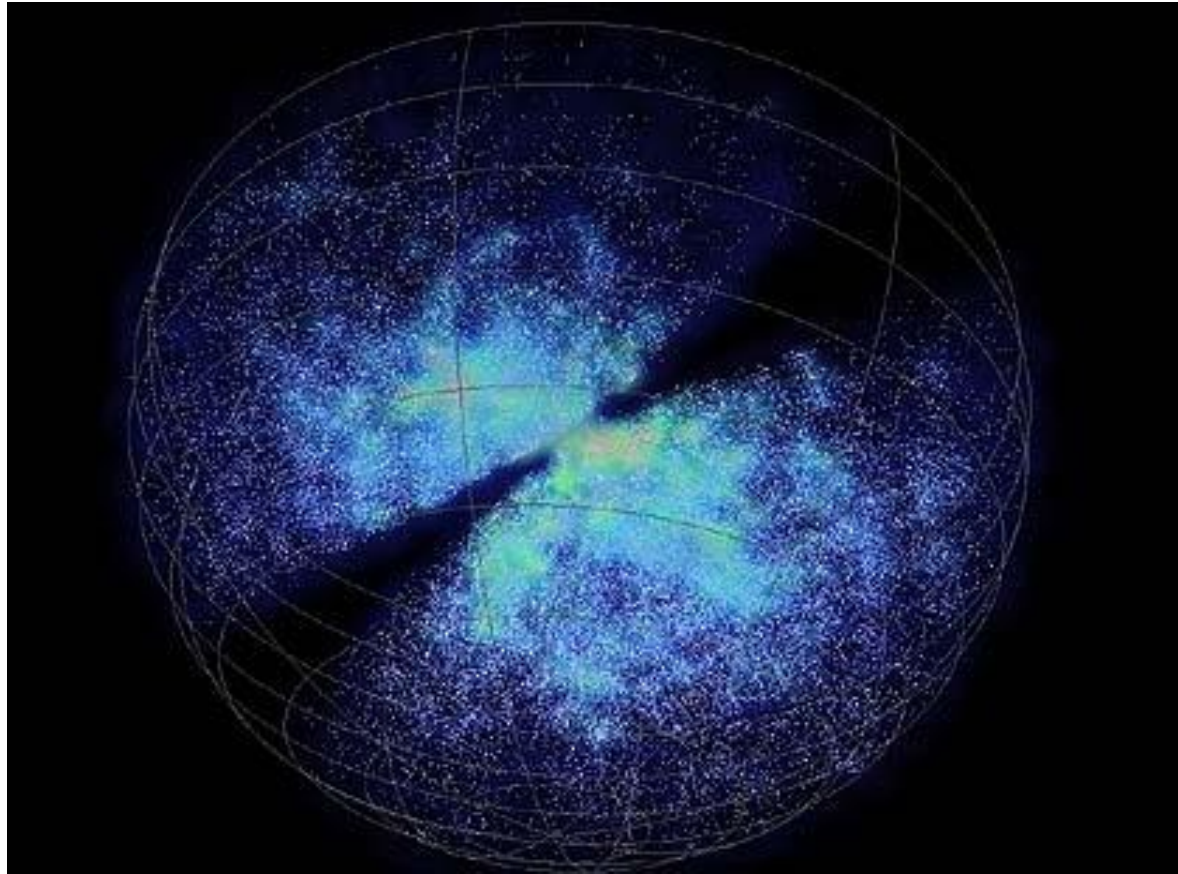
Une exoplanète observée au VLT



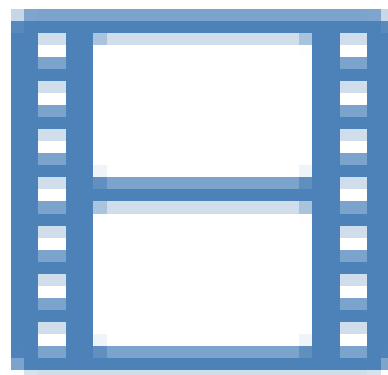
Galaxies lointaines



Distribution des galaxies dans un rayon de 2 milliards d'années-lumière



- Heath Jones D., Read M.A., Saunders W., Colless M., Jarrett T., Parker Q.A., Fairall A.P., Mauch T., Sadler E.M., Watson F.G., Burton D., Campbell L.A., Cass P., Croom S.M., Dawe J., Fiegert K., Frankombe L., Hartley M., Huchra J.P., James D., Kirby E., Lahav O., Lucey J., Mamon G.A., Moore L., Peterson B.A., Prior S., Proust D., Russell K., Safouris V., Wakamatsu K., Westra E., Williams M., 2009: "The 6dF Galaxy Survey: Final Data Release and Southern Large Scale Structure", Monthly Notices of the Royal Astronomical Society, **399**, 683.



Merci de votre attention!

