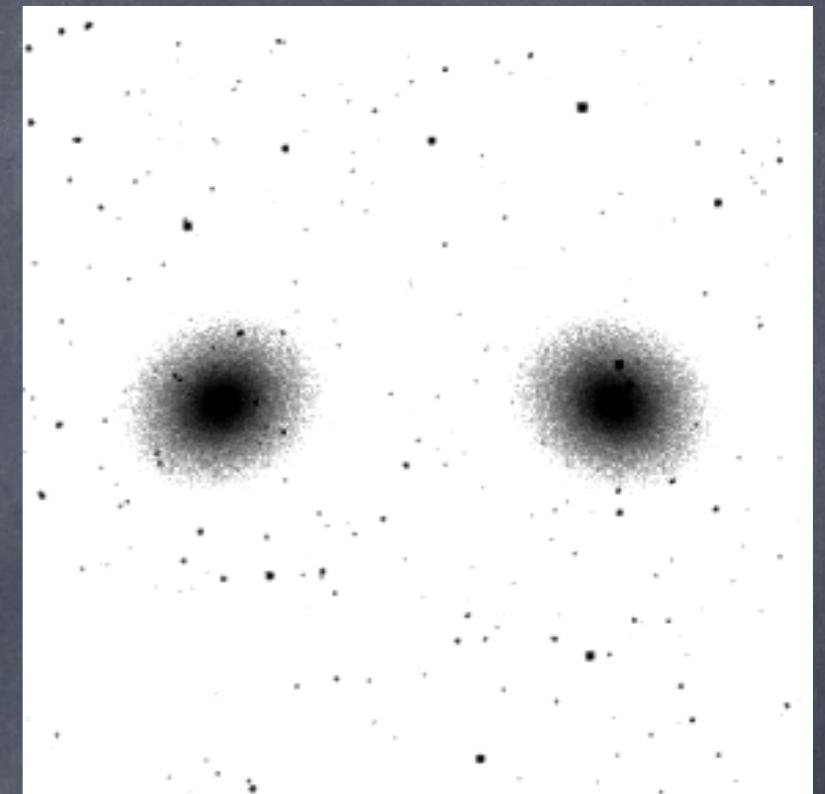
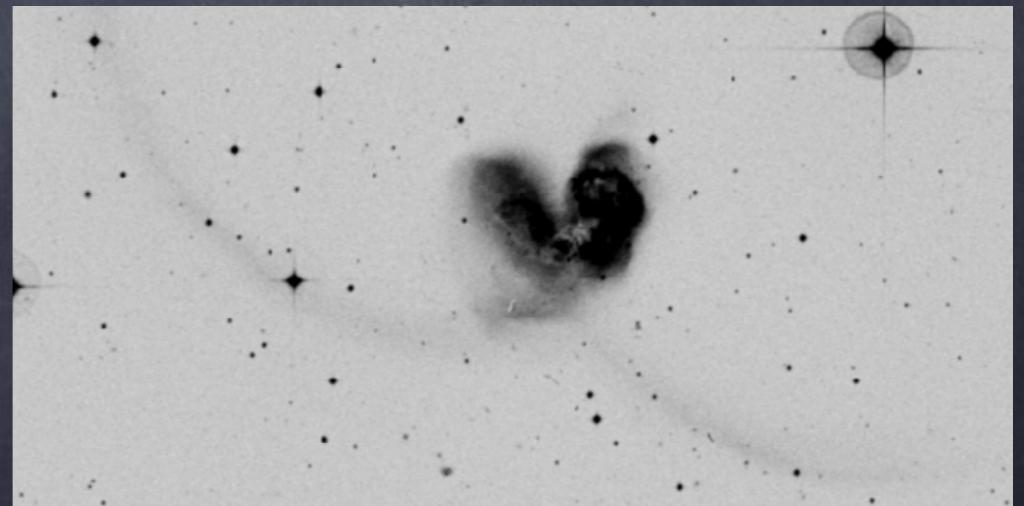


Thoughts on a career in astronomy

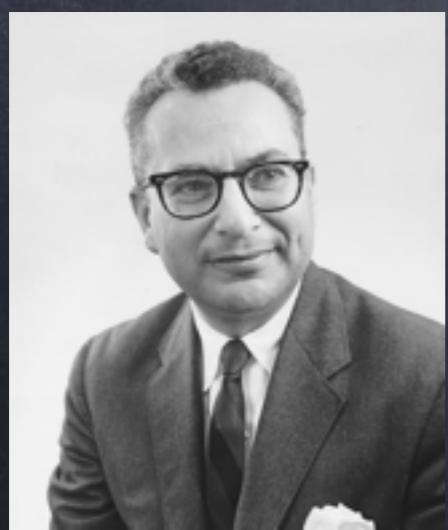
Peter Quinn, UWA
ICRAR



Mt. Stromlo Observatory
PhD thesis on colliding
galaxies
1978-82

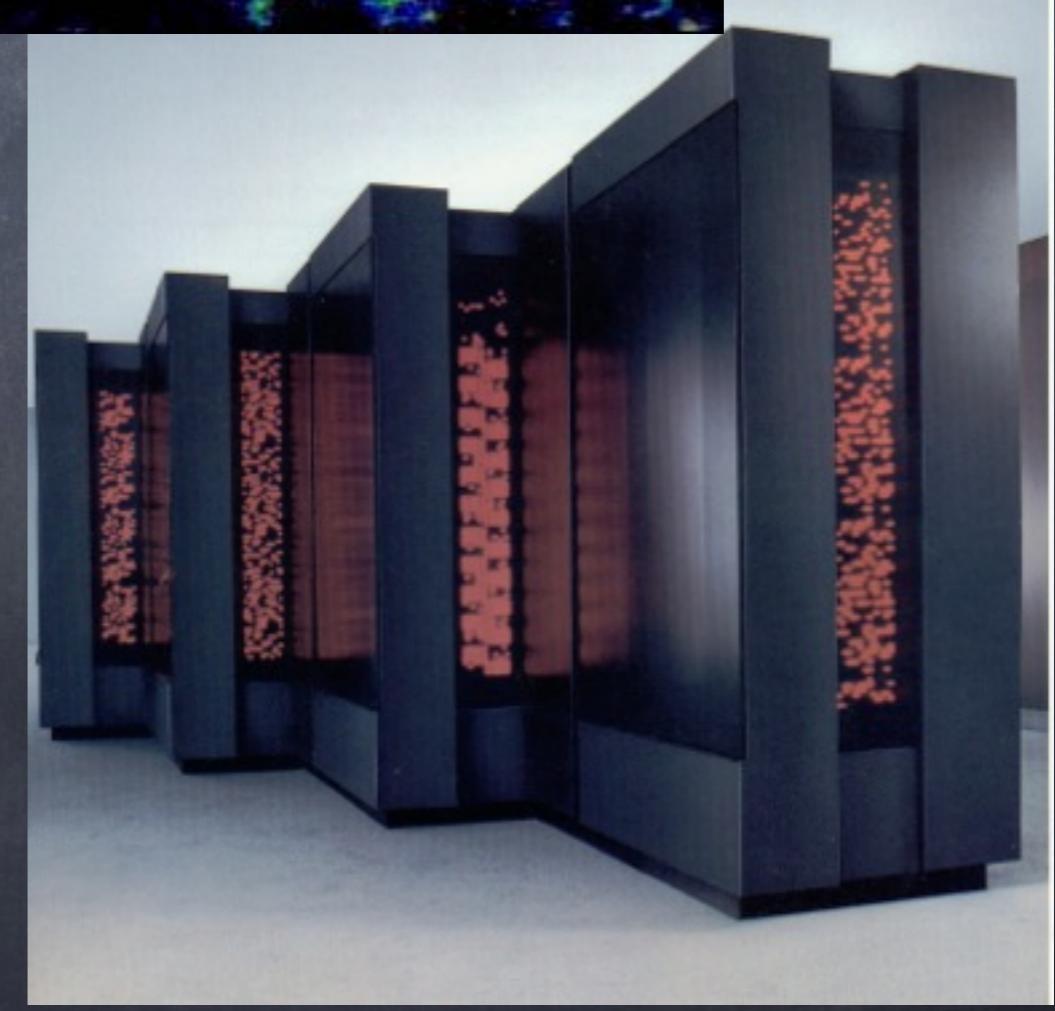
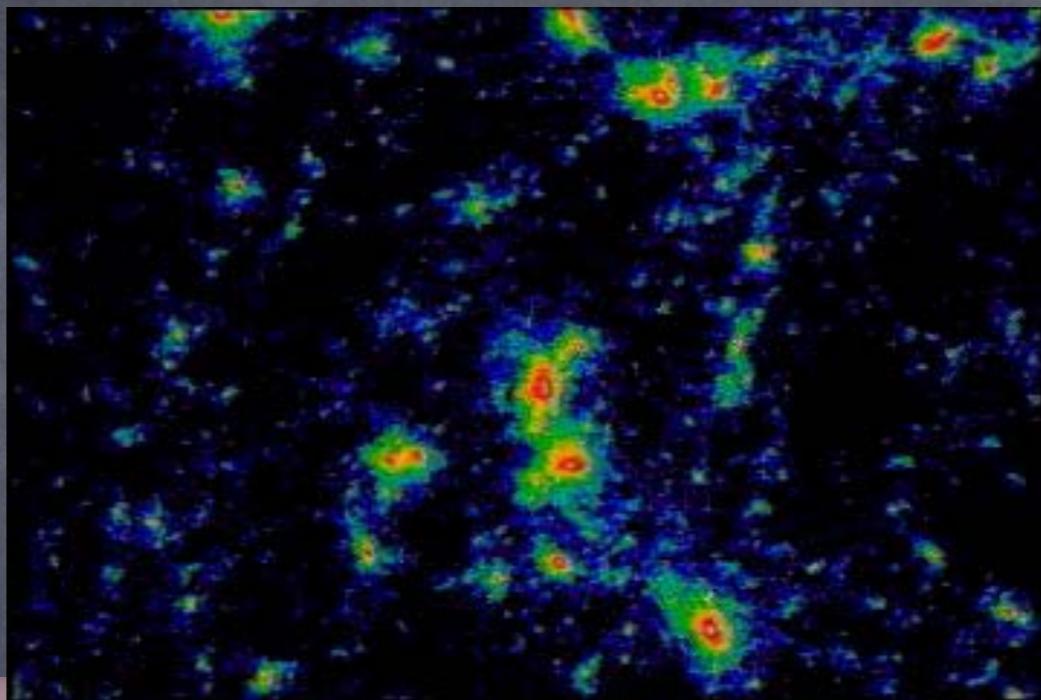


Caltech postdoc 1982-1985



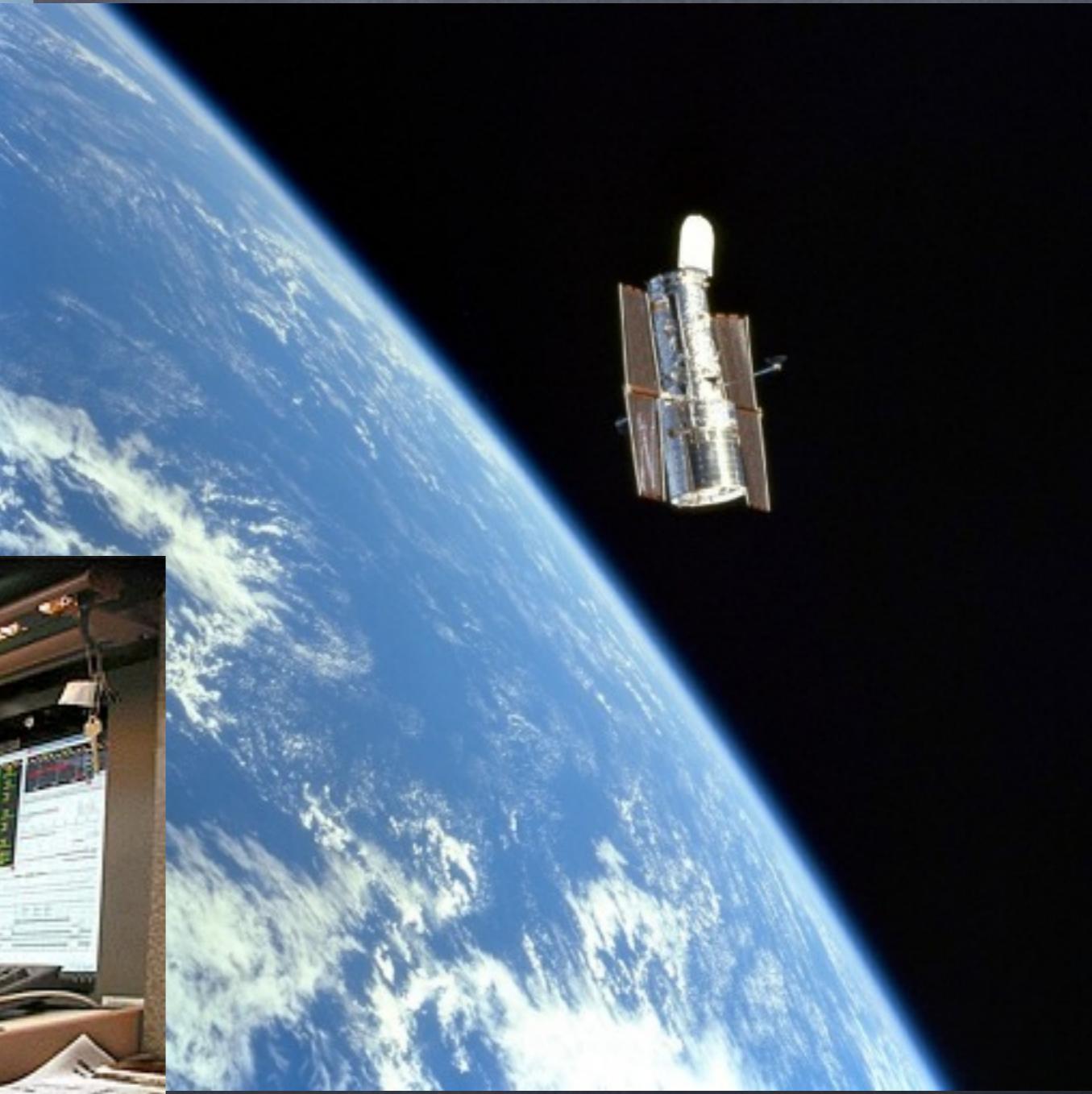
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Los Alamos Labs



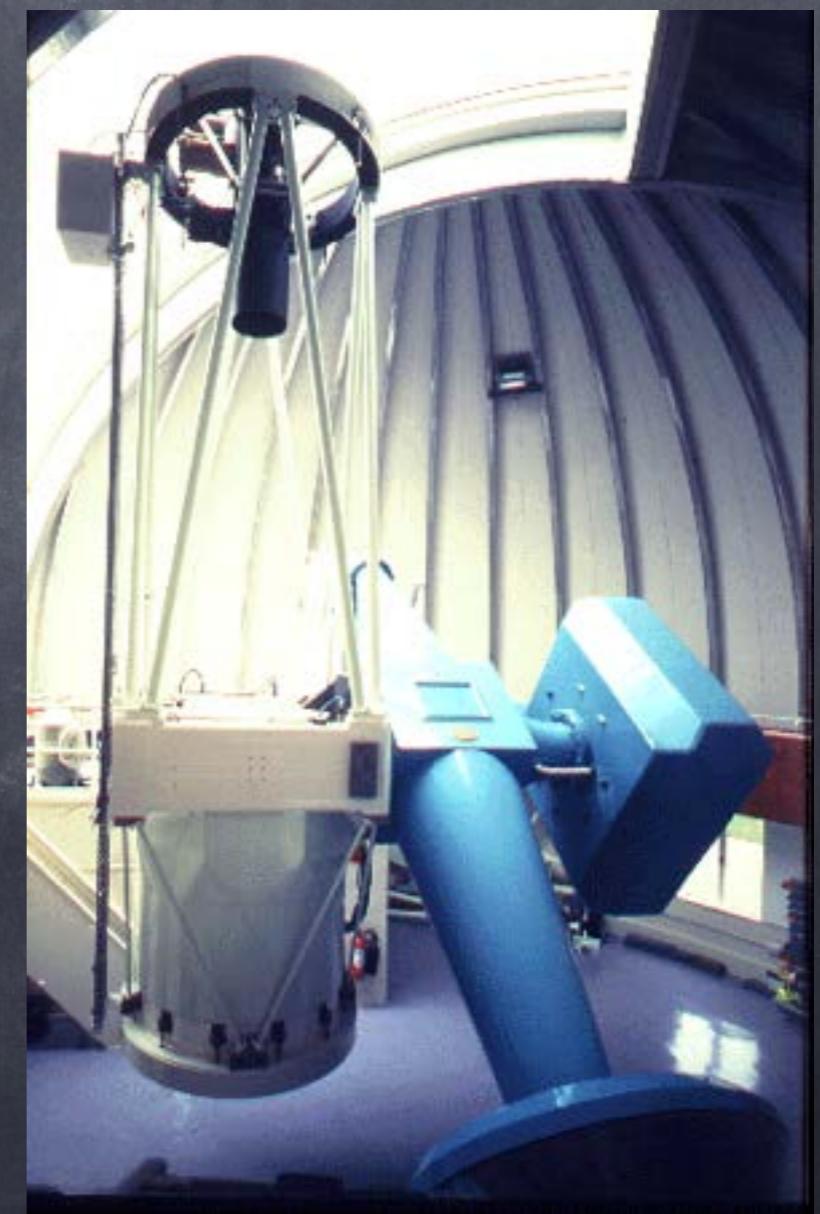
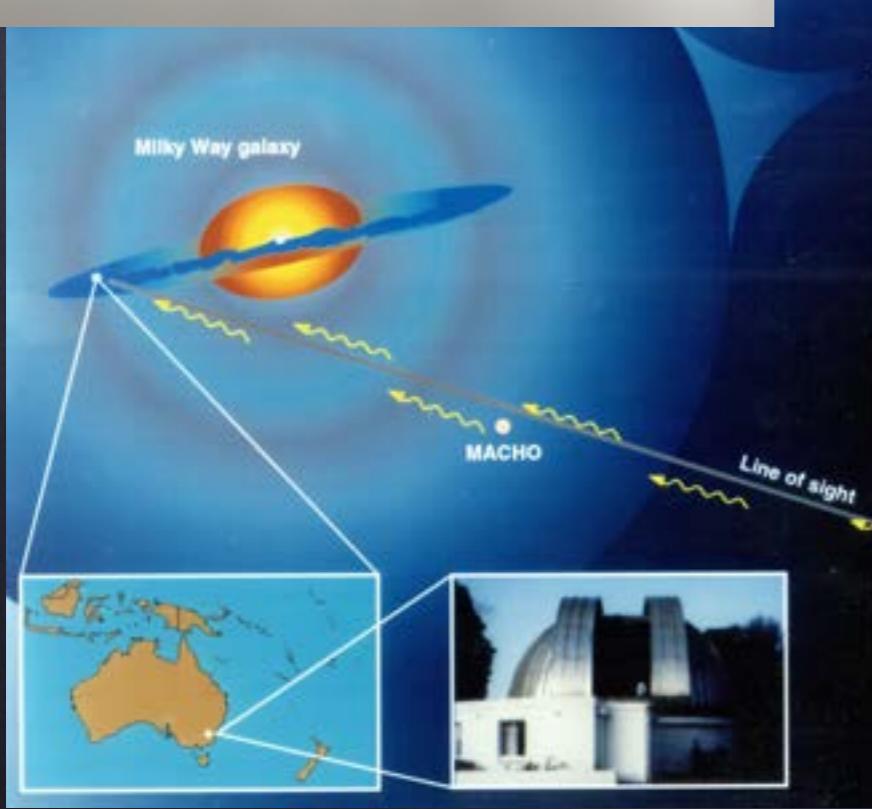
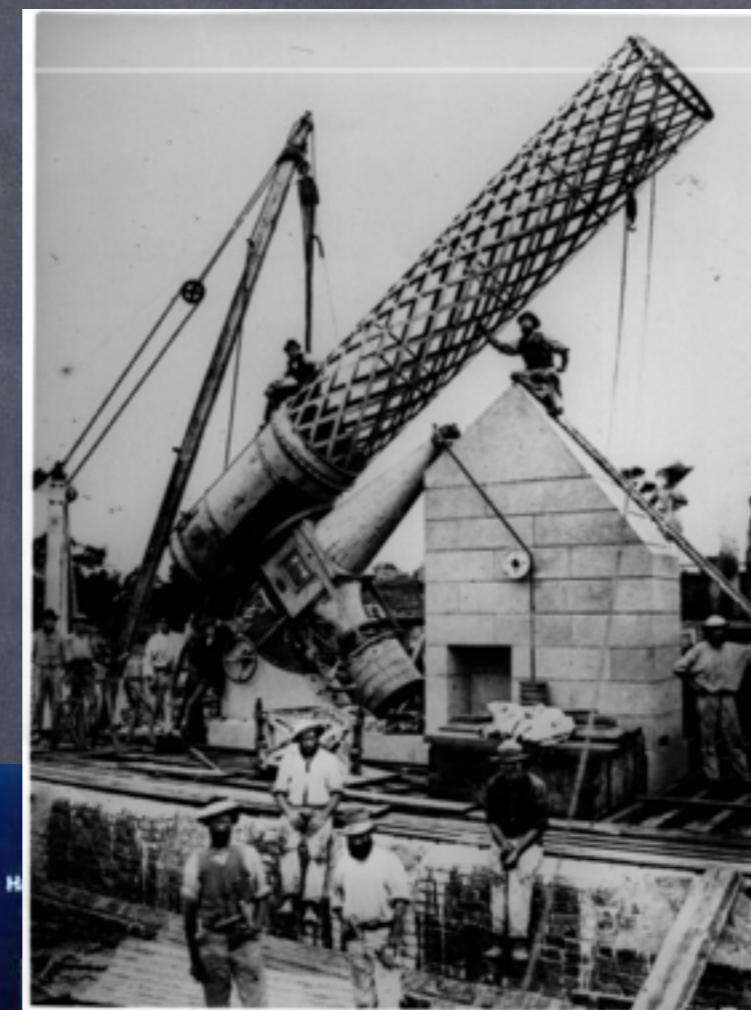
NASA Space Telescope Science Institute

1985-1989



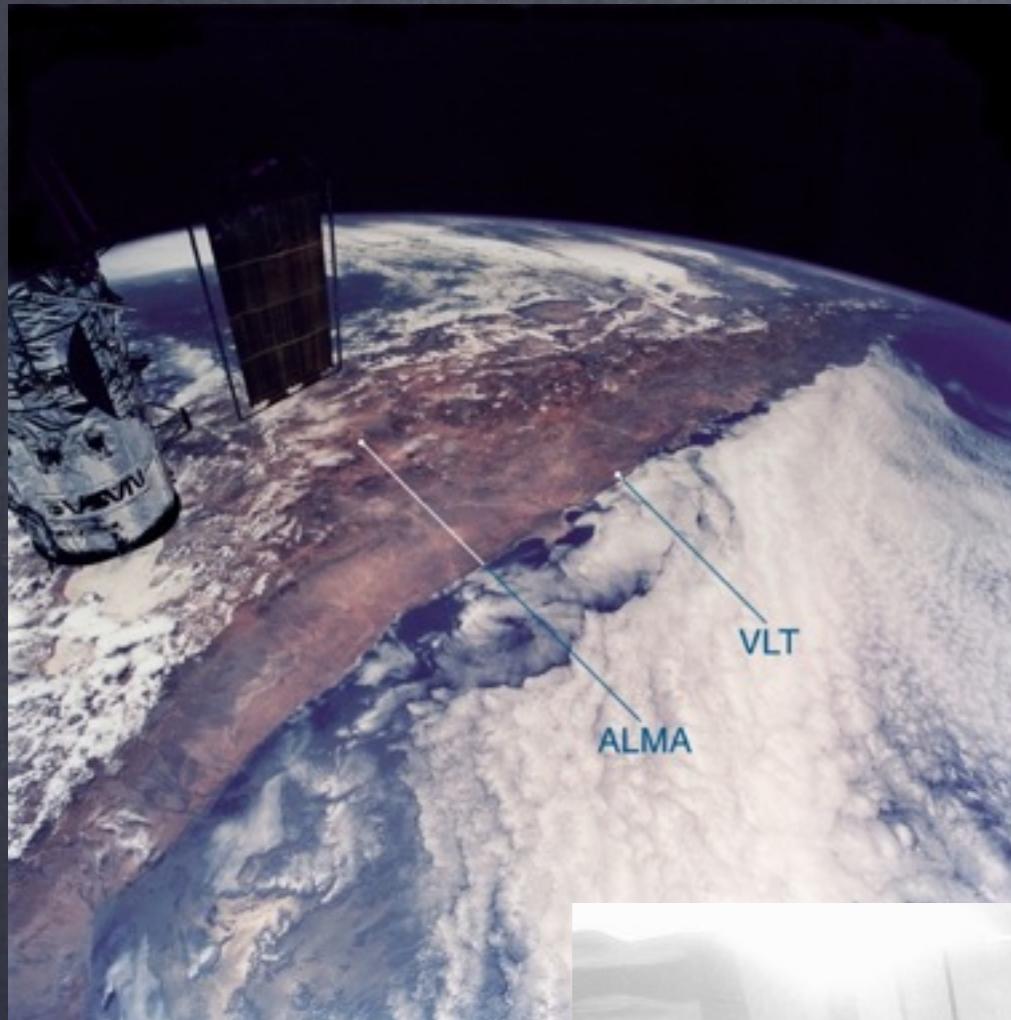


Looking for dark matter Sternlo 1989-1995

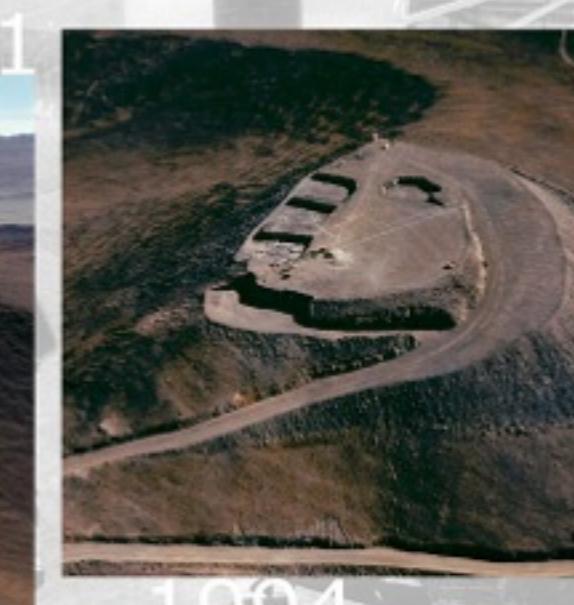


European Southern Observatory

1995-2006



ESO PR Photo 24b/99 (8 June 1999)

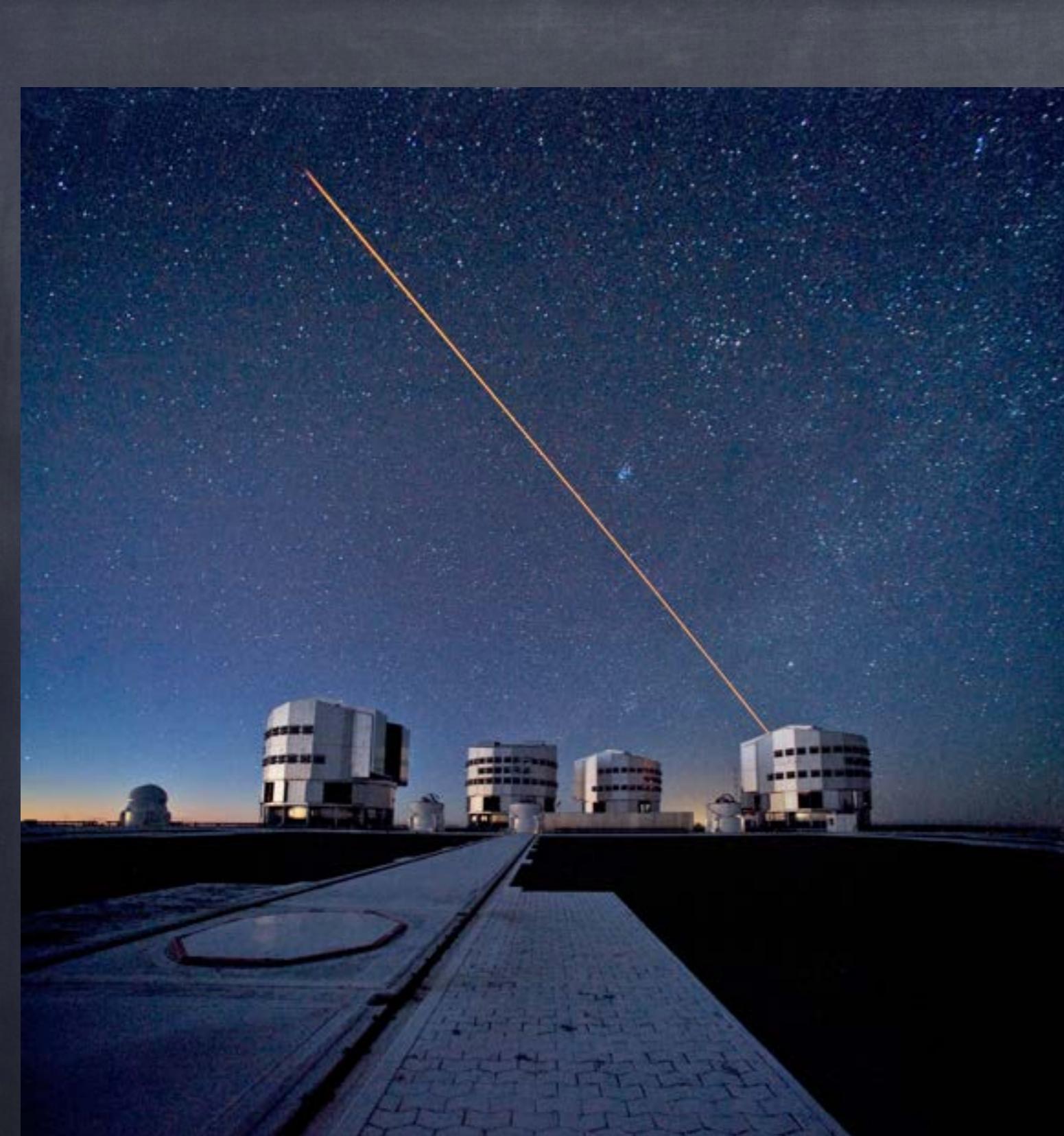


1994

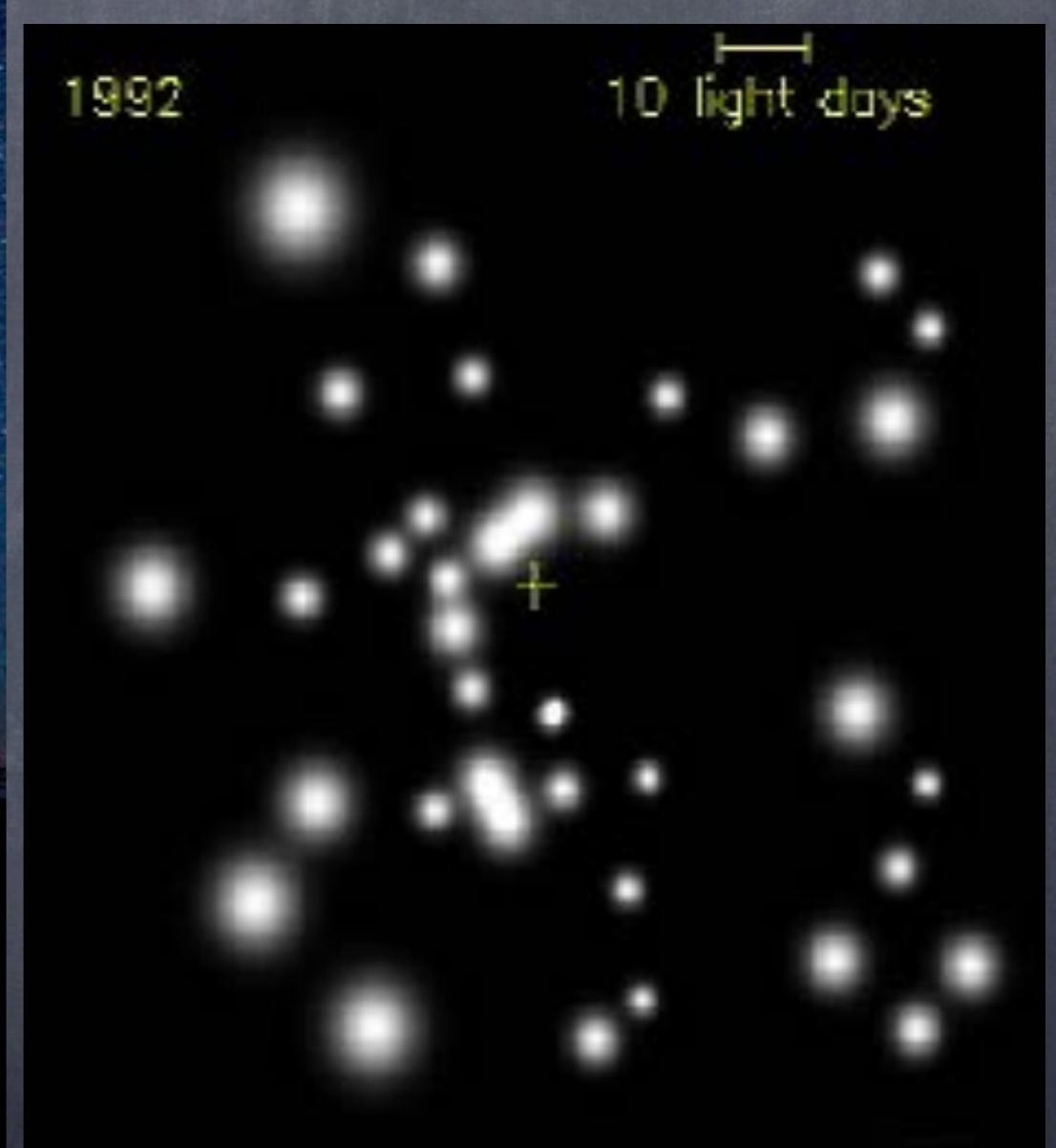


1999 PARANAL OBSERVATORY

ESO PR PHOTO 35/00 (20 DECEMBER 2000)



VLT today



“Seeing” black holes

Western Australia 2006+



The Big Bang Fireball

The Dark Ages

First sources of light

Stars and Galaxies form

Earth forms

A Schematic Outline of the Cosmic History

Time since the Big Bang (years)

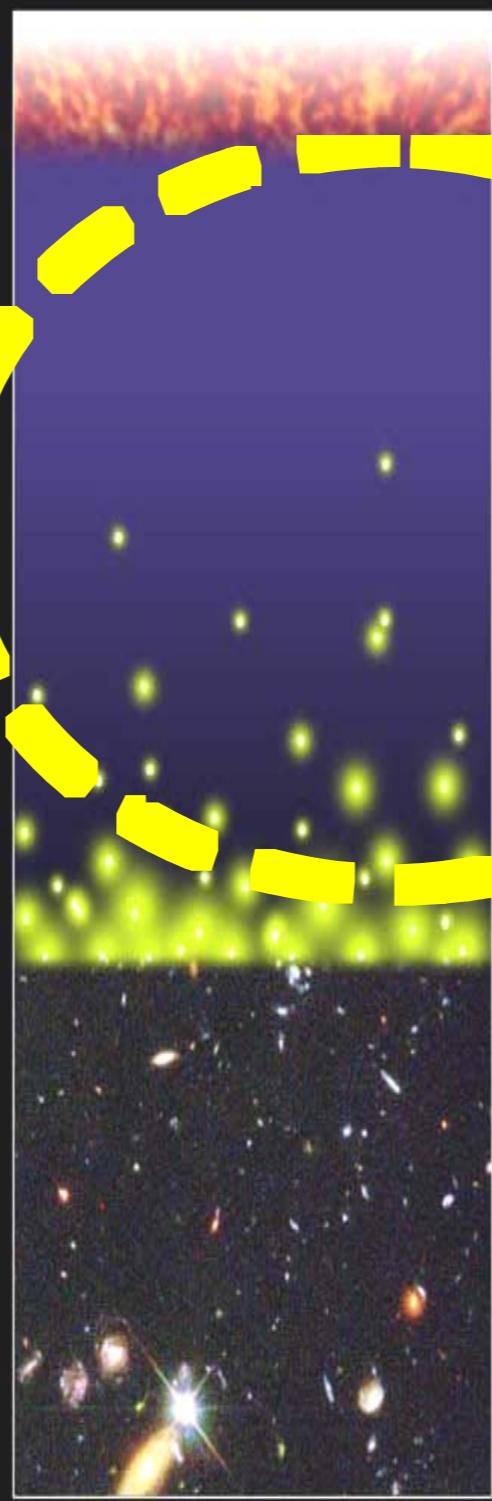
~ 300 thousand

~ 500 mil

~ 1 billion

~ 9 billion

~ 13 billion



S.G. Djorgovski et al. & Digital Media Center, Caltech

The Big Bang
The Universe filled with ionized gas
The Universe becomes nearly opaque
The Dark Ages start

Galaxies and Quasars begin to form
The Reionization starts

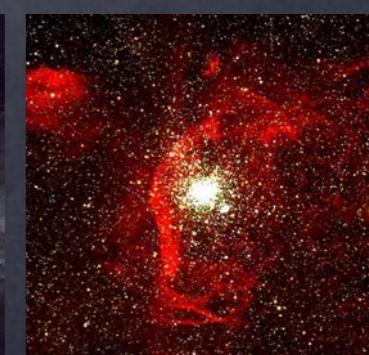
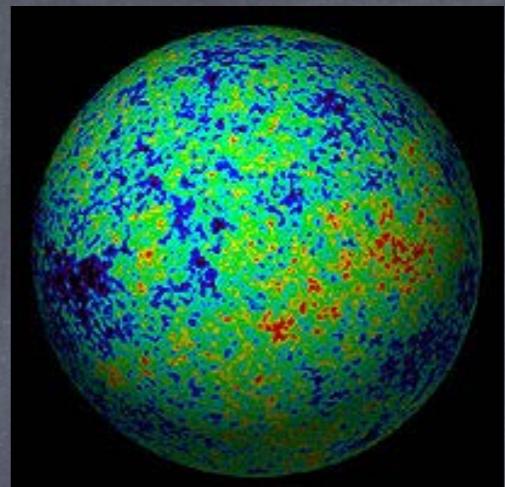
The Cosmic Reionization
The Dark Ages end

Reionization complete, the Universe becomes transparent again

Galaxies evolve

The Solar System forms

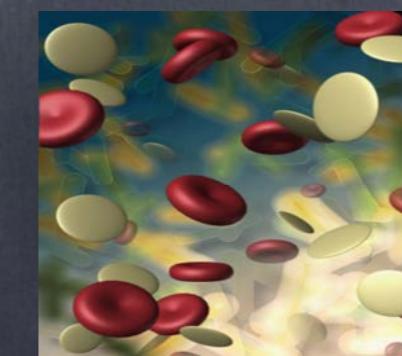
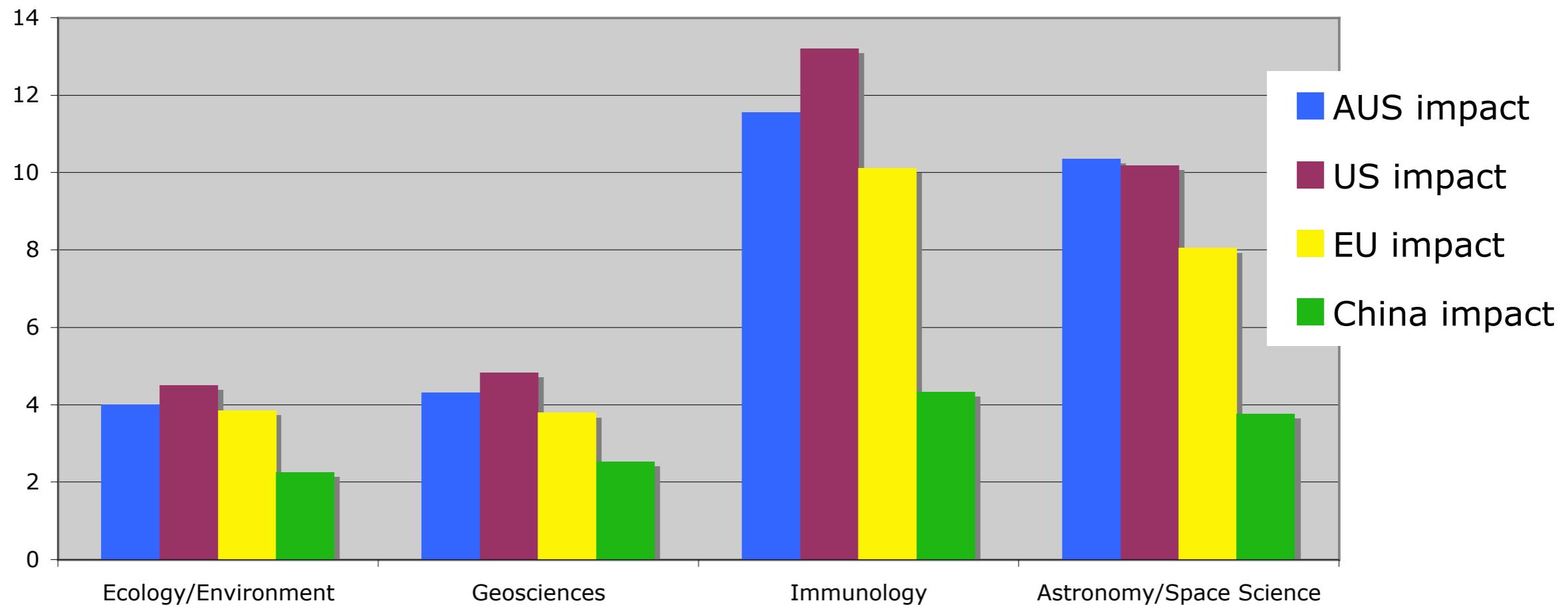
Today: Astronomers figure it all out!





Murchison Radio Astronomy Observatory
2020

International Publication Impact AUS, US, EU and China



Australia's Strengths