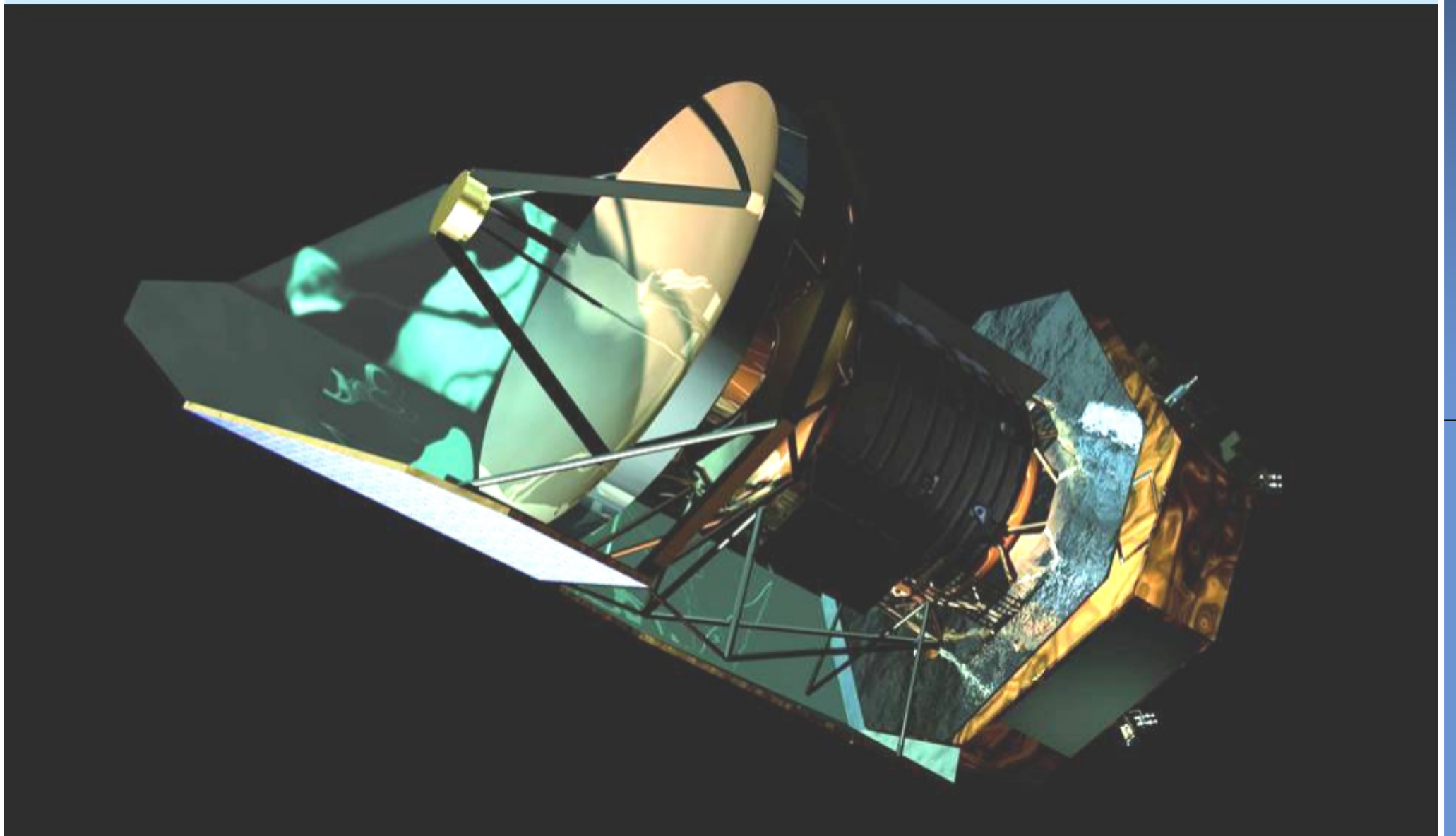


Herschel Space Observatory



HERSCHEL SPACE OBSERVATORY of ESA

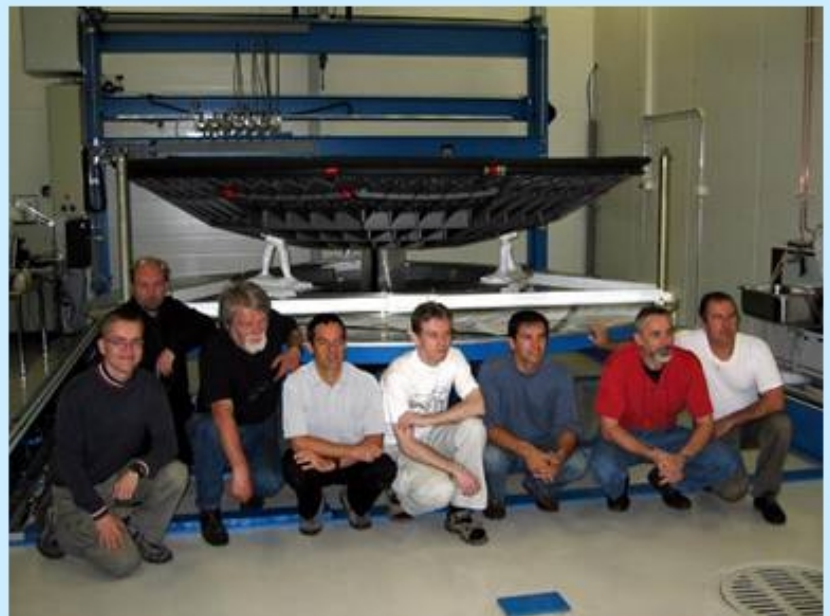
Ø 3.5 m far infra-red telescope
Largest mirror in space





HERSCHEL TELESCOPE

Herschel \varnothing 3.5 m mirror arrival with Airbus Beluga aircraft 2004





HERSCHEL TELESCOPE

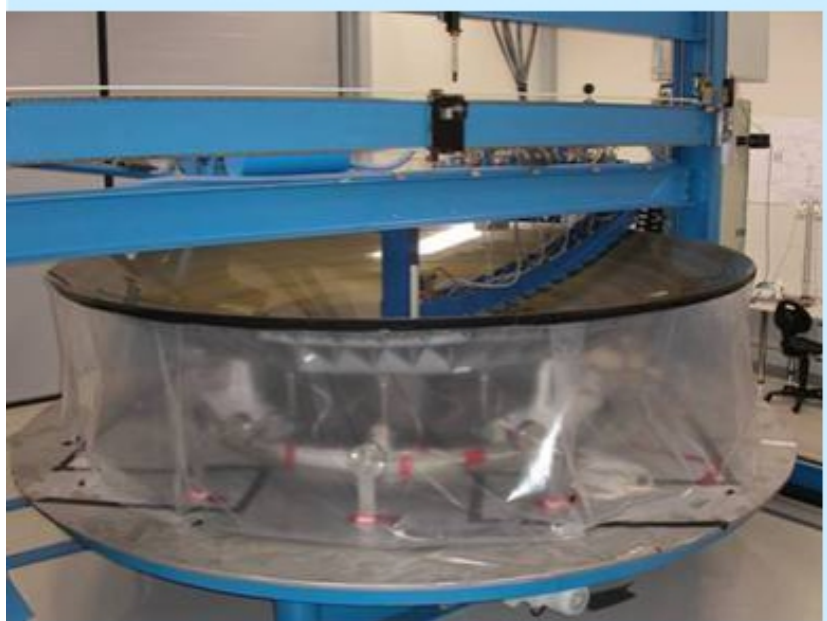
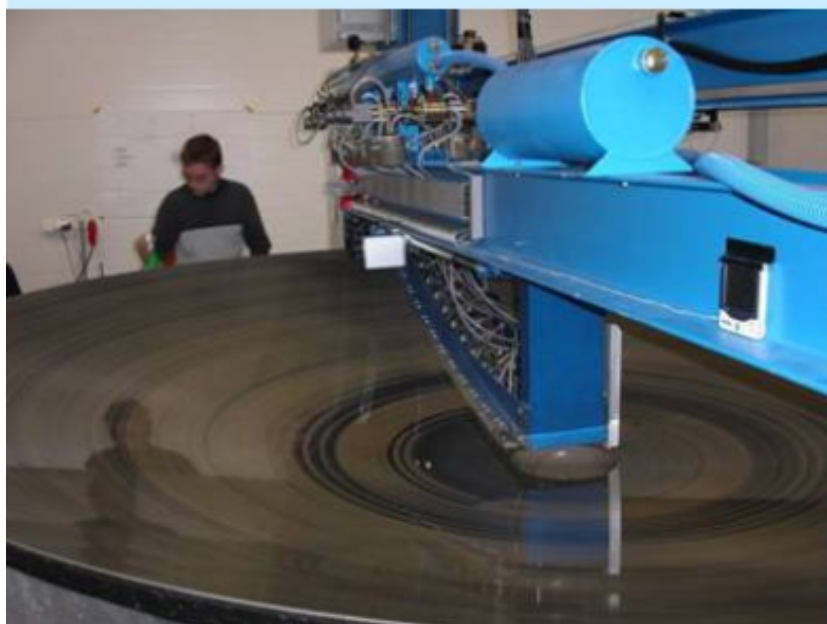
HERSCHEL MIRROR POLISHING

August 2004 – April 2005

Diameter 3.5 m, made of silicon carbide, SiC

Parabola, focal ratio F/0.5

Weight 250 kg, front surface thickness 2.5 mm





HERSCHEL TELESCOPE



Dispatch of Herschel mirror in April 2005 with Airbus Beluga



Mirror aluminization in Calar Alto,



HERSCHEL Telescope M1 + M2



Herschel Space Observatory