

Galileo 5cm Refractor — Newton 3.1cm Reflector

Optical

Large Binocular Telescope (LBT) 8.4mX2=11.9m; 22.8m Res.

Very Large Telescope (VLT) 8.2X4; 130m+ Resolution

Keck 10mX2; 85m Resolution

Gran Telescopio Canarias 10.4m

Subaru 8.3m

Radio

LOFAR 1500km

Very Large Array (VLA) 130m Equivalent

Green Bank Telescope 100m

Arecibo 305m

McMath-Pierce Solar Telescope 161cm

Other

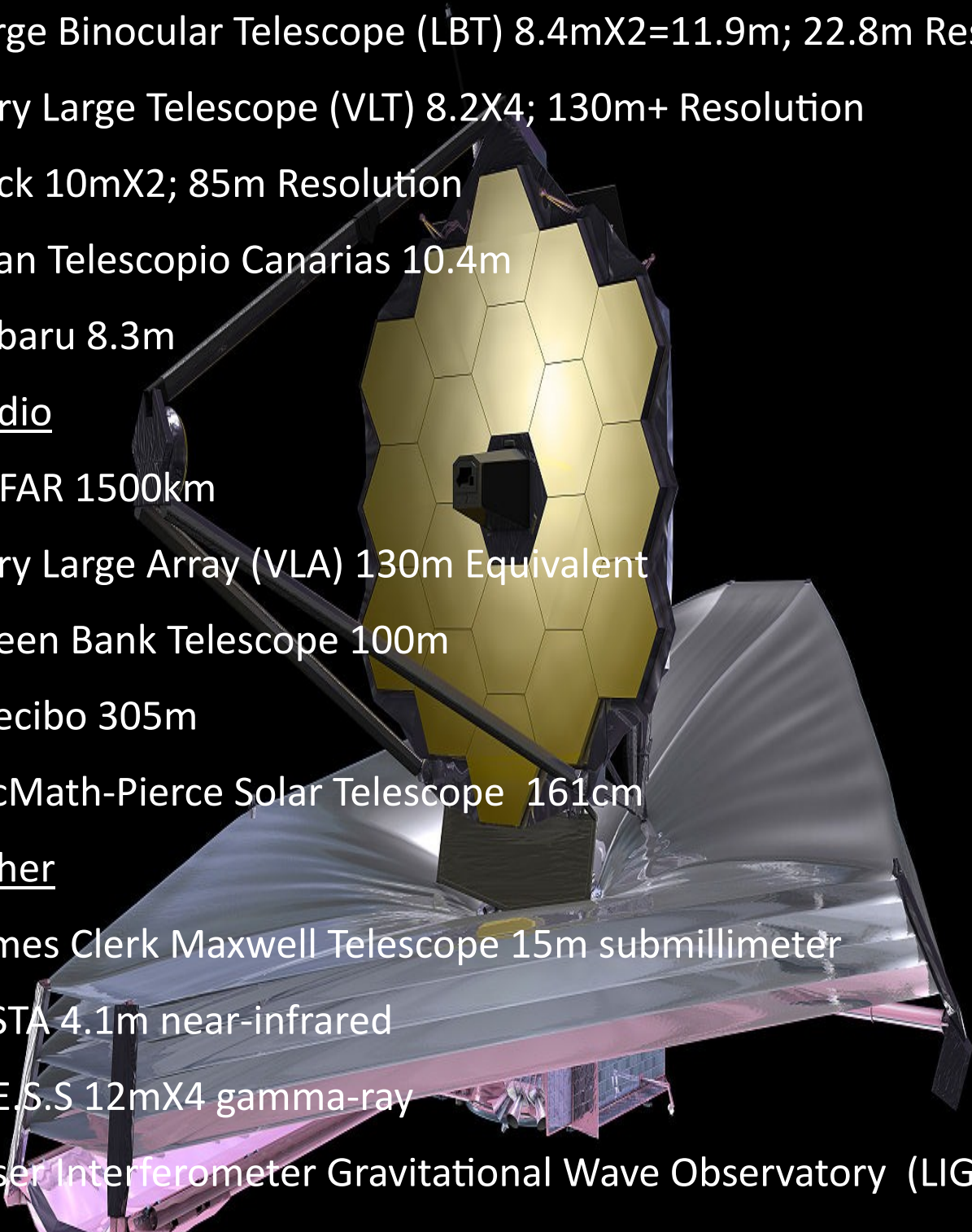
James Clerk Maxwell Telescope 15m submillimeter

VISTA 4.1m near-infrared

H.E.S.S 12mX4 gamma-ray

Laser Interferometer Gravitational Wave Observatory (LIGO)

Hubble Space Telescope 2.4m



## Future Telescopes

Atacama Large Millimeter Array (ALMA)

Thirty Meter Telescope

Giant Magellan Telescope 21.4m

European Extremely Large Telescope 39.3m

Overwhelmingly Large Telescope (OWL) 100m

Large Synoptic Survey Telescope (LSST) 8.4m

Advanced Technology Solar Telescope (ATST) 4m

Square Kilometer Array

James Webb Space Telescope (JWST) 6.5m

Solar Orbiter

Terrestrial Planet Finders (TPF)

Life Finders and Planet Imagers (13-80m+)

