

The Multi-conjugate Adaptive Optics Relay (MAORY) is the adaptive optics (AO) module for the Extremely Large Telescope (ELT) that will provide two gravity-invariant ports with the same optical ...

MORFEO (formerly known as MAORY) is a post-focal adaptive optics module that forms part of the first light instrument suite for the Extreme Large Telescope (ELT).

MORFEO is a post-focal adaptive optics module. It supports the MICADO near-infrared camera by offering two adaptive optics modes: Multi-Conjugate Adaptive Optics (MCAO) and Single-Conjugate ...

This diagram (artist's rendering) shows the advanced five-mirror optical system of ESO's Extremely Large Telescope (ELT) and the location of the ZERODUR mirror substrates.

Named the ELT (Extremely Large Telescope), this revolutionary new ground-based telescope concept will have a 39 meter main mirror and will be the largest optical/near-infrared ...

We present the optical and mechanical design and performance of the two NIR identical spectrographs, receiving each half of the fibers from the 180 NIR MOS targets, 630 fibers per spectrograph, and ...

The ELT implements an innovative optical design, diverging from the classical Gregorian or Ritchey-Chretien 3-mirrors designs. Indeed, the ELT is a 5 mirrors telescope, which ensure both a wide eld (10 ...

The "Extremely Large Telescope" ELT is currently being built in the Chilean desert. It will provide extremely high-resolution images.

With first light planned for 2027, the European Extremely Large Telescope (E-ELT) is set to be the largest optical/near-infrared telescope in the world.

Web: <https://tlaetsoglobal.co.za>