

MAORY for ELT: an overview (Paolo Ciliegi)

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The MAORY (Multi-conjugate Adaptive Optics Relay) is a first light instrument for the European Extremely Large Telescope (ELT). It is the adaptive optics module that feeds MICADO and a still to be defined large Field of View instrument. We give an overview of the status, describing the instrument configurations. We also focus on strategy for the performance characterization in the framework of the preliminary design review preparation. As an example, we present the steps we follow for the numerical evaluation of the ability to resolve distant high- z galaxies given our best knowledge of both the adaptive optics (MAORY) and the near-infrared camera (MICADO).

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