## Title of the case

**Authors:** *names*

**Brief description of science case:** *[one page maximum]*

**Keywords:**

**MICADO Observation mode:** *Standard Imaging, Astrometric Imaging, Spectroscopy, Coronography, High time resolution imaging.*

**MICADO Pixel Scale / Fov:** *1.5mas/px and 20arcsec FoV or 4mas/px and 53arcsec FoV*

**MICADO Spectral set-up:**

**Filters required:** *and brief justification*

**Estimate Survey Area/Sample Size/ Number of Images/Epochs:**

**Average Integration time per image** (magnitude of targets; S/N required):

**Observation requirements:** *dithering patterns (see presentation, Table 8)*

**Strehl or EE required:** *what drives this requirement*

**Astrometric Accuracy:**

**SCAO vs. MCAO:**

**Comparison with JWST or other facilities:** *specify the advantage of using MAORY+ MICADO/HARMONI*

**Synergies with other facilities** (4MOST/MOONS, LSST/ALMA/HARMONI/METIS, HIRES/MOSAIC), but also VLT or other smaller telescope instruments: are additional data required or desirable, if so from which facility. Are preparatory observations needed?

**Simulations made/needed to verify science case or feasibility:**

**Origin of the targets:** *catalogs / observations still to be performed, etc*

**NGS:** *availability, average surface density, etc.*

**Acquisition:** *how precise pointing is required? Can the pointing be verified with a finding chart?*

**Calibrations:** *‘Standard’ or something more; day-time vs. night-time; flat-fields; standard stars or star fields; astrometric; at what level do image ditortions matter; are there calibrators in the field? Or might you need calibrators in other fields (this might motivate the need for fainter standard fields than are currently available. How accurate is photometry and astrometry required (be clear if this is absolute or relative).*

**Data Processing Requirements**: *detailed PSF knowledge? Special issues/requirements? What are the desired final data products as starting point for the scientific analysis? Including the crucial metadata.*

**Any other comments**: *additional requirements/issues*