

Imaging the high redshift universe with MICADO on the ELT (Richard Davies) (I)

Monday, 9 September 2019 12:08 (25 minutes)

MICADO will enable the ELT to perform diffraction limited near infrared observations at first light. The instrument's capabilities focus on imaging, but include also single object spectroscopy. I will describe the project and the instrument, and illustrate its science drivers. I will emphasize what we can expect from MICADO both in terms of directly resolving the structure of galaxies in the early universe, and in inferring the cosmic star formation histories of local galaxies via their relic stellar populations.

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Track Classification: ELTs overview