

FROM THE VLT TO THE E-ELT: BUILDING A BRAZILIAN-UK PARTNERSHIP ON ASTRONOMICAL INSTRUMENTATION FOR THE WORLD'S LARGEST TELESCOPES

The world's largest optical-infrared telescope: the science case for the E-ELT spans the whole range of contemporary astronomy, from observations of the most distant galaxies known at the very dawn of time, to searches for biological tracers in the atmospheres of planets outside of our own solar system. The first stages of construction of the E-ELT are now under way. We intend to develop instrumentation for the E-ELT, as well as for the VLT. The main objectives of this proposal are the development of instrumentation, in particular the CUBES spectrograph for the VLT, and the MOSAIC spectrograph for the E-ELT, and the related science, in collaboration with UK partners.

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ABOUT THE PROJECT

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