

Observations of Active Galactic Nuclei

Dr Stuart Lumsden

Active galaxies are amongst the most energetic phenomena in the Universe. Aspects of their evolution are still unclear however, particularly how the central supermassive black hole that powers the activity grows with time, and how what we can see affects our understanding (eg whether we see the black hole directly or not).

This project will aim to address this question primarily through a spectroscopic study of nearby AGN of a wide range of luminosity and mass.