

**Proponente:** Giuseppe Longo (longo@na.infn.it) (In collaboration with OAC-INAF)

**Titolo:** “Search for AGN candidates in panchromatic sky surveys”

**Descrizione:** Modern panchromatic (i.e. multiband) surveys of the sky provide an unprecedented wealth of data which cannot be effectively exploited without recurring to machine learning based methods. The student will use proprietary data /from the KIDS and VST-VOICE surveys) to identify candidate AGN and candidate QSO and to study their properties with respect to the density of the environment.