

Invited lecture

NUCLEAR ACTIVITY AND STAR FORMATION PROPERTIES OF SEYFERT GALAXIES

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In the light of the recent results in literature and thanks to the growing availability of spectroscopic data from very large and homogeneous surveys, the search for a possible link between nuclear activity and nuclear star formation in galaxies has become a rapidly evolving topic. In order to achieve a better understanding of the correlations between the presence of young stellar populations in the nuclei of galaxies and the presence of AGN-driven activity, we have extracted two samples of ~ 1300 starburst galaxies and ~ 2000 Seyfert 2 galaxies respectively from the DR7 SDSS spectroscopic dataset using the classical spectroscopic diagnostic diagrams. Then we have investigated the continuum distribution of both samples of galaxies and determined the mixtures of stellar components responsible for their shapes and compared these results with those obtained for a sample of normal galaxies. In this communication we present the preliminary results obtained using this procedure.