

Environment of different types of dusty galaxies

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It is already well established that environmental effects and intergalactic interactions can play an important role in starting star formation processes in galaxies, which is reflected in the properties of dust emission of these galaxies. We plan to show our results on studies of local environments of different types of dusty galaxies - including (Ultra) Luminous Infra-Red Galaxies (so-called ULIRGs) - found in the AKARI data, in particular in its two deep surveys: ADF-S and NEP. We plan to discuss how different environment may determine different properties of dust in these galaxies.