
ALMA JELLY - Survey of Nearby Jellyfish and Ram Pressure Stripped Galaxies

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Résumé

The ALMA JELLY project observed a sample of 28 jellyfish galaxies with extended multiphase and star forming tails in the nearby clusters Coma, Leo and Norma. This constitutes the first systematic and homogeneous survey of the molecular component of ram pressure stripped galaxies. The sample galaxies cover a range of evolutionary stages of stripping, from early with tails connected to star-forming disks, to late with detached tails and passive or post-starburst disks. We will present the results of the ALMA JELLY survey, focusing on the incidence and properties of the molecular component of the sample galaxies.

Mots-Clés: galaxy evolution, galaxy cluster, jellyfish galaxy, intracluster medium, interstellar matter, molecular gas

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