

Galactic Winds in Galaxy Evolution

Galactic winds, due to star formation or active galactic nuclei, are one of the favored mechanisms needed to regulate star formation activity and explain several aspects of present-day galaxies. In particular "cold" galactic winds, where the main ejecta are atomic or molecular, permit the cycling of large amounts of matter in and out of galaxies providing explanation to a number of observations. Our understanding of how gas is launched and how much mass is involved in these winds is, however, rather primitive. I will present observations of the nearest nuclear starburst galaxy (NGC 253) by ALMA and HST, and show how we are starting to decipher the launching processes and mass loss rates in a starburst-driven galaxy wind.