

Poster

H-alpha imaging galaxies in the Local Volume

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We present the emission H-alpha line observations of the Local Volume (LV) galaxies residing within 11 Mpc. The measured H-alpha fluxes are used to estimate the integrated (SFR) and specific (sSFR) star-formation rates for more than 500 LV galaxies. Most of them have also FUV-fluxes derived in GALEX survey. Comparing SFR(H-alpha) with SFR(FUV) allows us to distinguish dwarf galaxies with active and passive star formation on typical time-scales of 10 - 100 Myr.