

## The “Valencian-GALAXY-zoo”

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### Abstract

We present a sample of the most massive galaxies ( $M^* > 10^{11} M_{\odot}$ ) found at  $z = 0$  in a fully cosmological simulation performed with MASCLET (Mesh Adaptative Scheme for CosmologicaL structurE evoluTion). The Upper (lower) pannel shows the merger (quiet) galaxies depending on ellipticity ( $\epsilon$ ) and velocity vs velocity-dispersion ( $v/\sigma$ ).

We use the ssp MILES models to make our galaxies bright and study some observables of our fully cosmological synthetic galaxies.