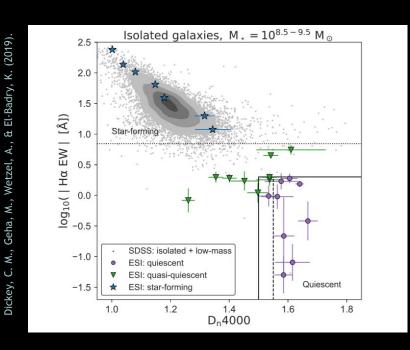
## Origin of Quiescent Isolated Dwarf Galaxies with Illustris-TNG Simulations



Observations: star formation might be quenched due to AGN.

Simulations: predominantly affected by stellar feedback.

Proposal: Combine IllustrisTNG with emission line models to investigate the possible origin of AGN-like emission line ratios.

Shalini Kurinchi-Vendhan (Caltech) **Mentor:** Michaela M. Hirschmann (DARK)