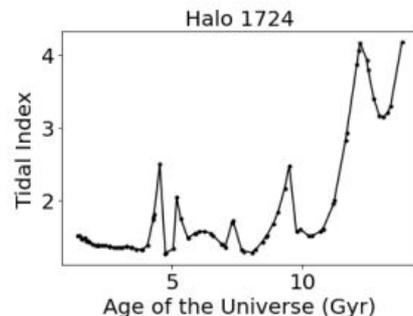
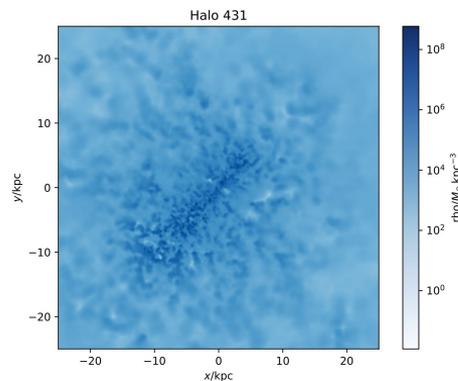


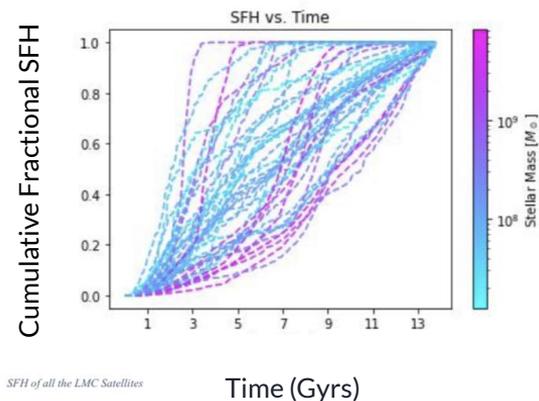
# Understanding Isolated LMC Mass Analogs and their Satellites

Oge Okoronkwo - University of Washington

- **GOAL:** Identify isolated LMC mass galaxies and analyzing their interactions over time using Romulus25 and high resolution zoom simulations
  - Studying what the dominant quenching mechanism is for LMC satellites
  - Studying quenched fractions as a function of definition and mass of the LMC analog



Tidal Index calculated over time - a higher number means



SFH of all the LMC Satellites