

---

## General Assembly Galaxy Halos IAU

### **the milky way, the galactic halo, and the halos of galaxies -**

keywords: general, milky way, halos, formation, kinematics and dynamics, structure. 1. introduction: the milky way as a galaxy our galaxy and its satellites together with the similarly massive andromeda galaxy and its satellite system constitute the local group, a loose galaxy group in the outer reaches of the virgo cluster.

**globular clusters as tracers of the halo assembly of ...** - populate their halos out to several tens of effective radii. they are good probes to trace the assembly history of the diffuse and extended stellar halos residing in the cores of galaxy clusters. the colors and spectral line indices of gcs can be used to identify and characterize sub-populations of metal-poor and metal-rich as well as young gcs. **intragroup and intracluster light - arxiv** - the general assembly of galaxy halos proceedings iau symposium no. 317, 2015 aagaglia, m. arnaboldi, m. rejkuba, & d. romano, eds. c 2015 international astronomical union doi:

10.1002/x0000000000000000x intragroup and intracluster light j. christopher mihos<sup>1</sup> <sup>1</sup>department of astronomy, case western reserve university abstract. **the effects of halo assembly bias on self-calibration**

**in ...** - the effects of halo assembly bias on self-calibration in galaxy cluster surveys hao-yi wu<sup>1</sup>, eduardo rozo<sup>2</sup>, risa h. wechsler<sup>1</sup> abstract self-calibration techniques for analyzing galaxy cluster counts utilize the abundance and the clustering amplitude of dark matter halos. these properties **detection of the splashback**

**radius and halo assembly bias ...** - detection of the splashback radius and halo assembly bias of massive galaxy clusters surhud more<sup>1</sup>, ... memñis related to the mass assembly history of halos, the measurement is a manifestation of the halo assembly bias. however, our measured splashback radii are smaller, while the strength of the assembly bias signal ...

**mergers and mass assembly of dark matter halos & galaxies** - mergers and mass assembly of dark matter halos & galaxies chung-pei ma onsi fakhouri james mcbride (uc berkeley) ... general trends: (1) specific accretion rate depends weakly on m ... cold gas (t