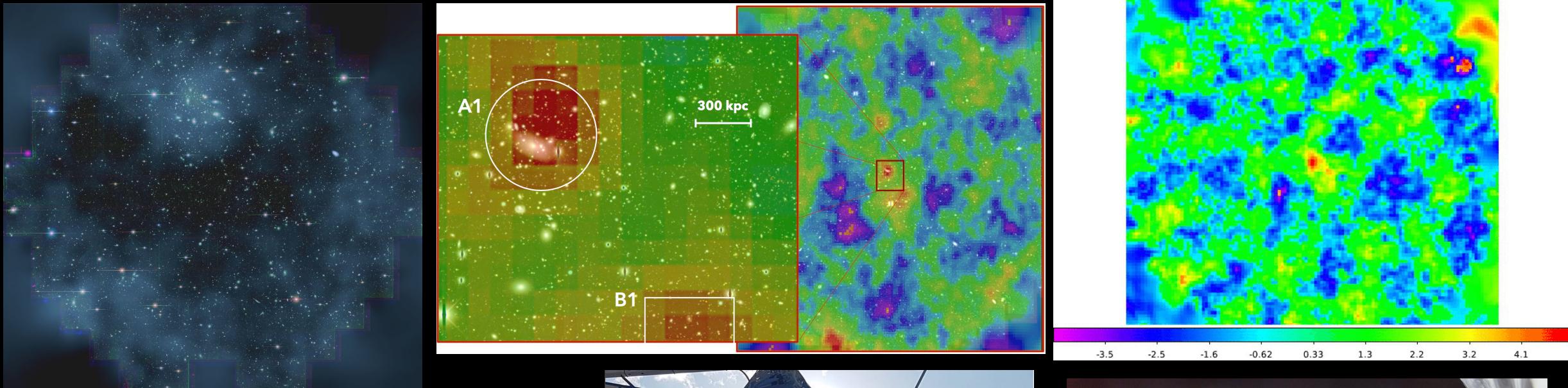


# Cluster Weak Lensing with SuperBIT

Jacqueline McCleary (Hosts: Jason Rhodes, Eric Huff)



- I use weak lensing to study clusters!
- Superpressure Balloon-borne Imaging Telescope (SuperBIT) launches in 2019
- Immediate science goal: generate 2D mass maps of  $\sim 200$  clusters
- Also look for complementarity with existing and future surveys like DES, LSST, Euclid, etc. → **What cosmology can we accomplish with these SuperBIT clusters?**

