

Tasks	Lead	Expertise
Task A: Refine the distance to UGC 7346		
A1: Generate model-subtracted images free of large-scale residuals	Marcum	Borlaff
A2: Photometry on resolved stellar pop to compute distance via tip of RGB	Marcum	Borlaff
A3: Derive point spread function using resolved stars	Borlaff	team
A4: Stellar pop analysis using IFU data	Sanchez Alarcon	Knapen, Roman
A5: Construct spatial power spectrum and compute inferred distance	Marcum	Borlaff, Knapen
A6: Paper 1: An accurate distance for UGC 7346: Virgo Cluster member?	Sanchez Alarcon	Marcum, Borlaff, team
Task B: Derive globular cluster (GC) luminosity function		
B1: F814W-F606W colors to identify GC candidates in model-subtracted maps	Sanchez Alarcon	Roman, Knapen
B2: Use TINY TIM HST PDF models to deconvolve images	Borlaff	Sanchez Alarcon, Roman
B3: Fit 2D King models using GALFIT to derive core radii for GC candidates	Sanchez Alarcon	Roman, Knapen
B4: Bayesian statistical analysis to reject interlopers with unphysical color/size	Sanchez Alarcon	Borlaff, Knapen
B5: Compute GC luminosity function using validated GCs	Sanchez Alarcon	Knapen, Borlaff
B6: Paper 2: Tracing the full luminosity function of UGC 7346	Sanchez Alarcon	Knapen, Marcum
Task C: Perform spatial structural analysis		
C1: Identify morphological features indicative of galaxy merger	Sanchez Alarcon	Comeron, Peletier
C2: Use IFU data to derive kinematics of central region of galaxy	Sanchez Alarcon	Peletier, Comeron
C3: Spatially correlate kinematics with features	Sanchez Alarcon	Comeron, Peletier
C4: Paper 3: Is GC system in act of collapsing?	Sanchez Alarcon	Peletier, Knapen

Table 1. Task Management and Team Responsibilities:

The tasks (gray headers) and sub-tasks (left), with specific assignments for the roles of task lead (middle) and expertise / analysis assistance (right).