

## Abstract:

In this talk I will give an overview of the scientific projects exploiting two JWST GO Cycle 1 programs COSMOS-Web and FRESCO. COSMOS-Web will provide an unmatched combination of area ( $0.6 \text{ deg}^2$ ) and depth (down to  $\sim 28 \text{ AB}$ ) in 4 NIRCam and one MIR filter. FRESCO is a deep NIRCam/grism observation with F444W of GOODS-S and GOODS-N fields that will provide spectroscopy for complete samples of galaxies at  $z > 6$ . In this talk I will present the projects that our team is preparing to carry out using the unprecedented measurements of photometric redshifts, stellar mass and morphology from these surveys. These studies are designed to provide crucial pieces of the puzzle of how stellar mass assembles in halos in both the central and satellite galaxies, the relation between the stellar mass and the halo mass at highest redshifts, as well as what is the effect of the Cosmic Web in shaping the galaxy properties.