

X05a Early Results on Early Galaxies from the GLASS JWST Early Release Science Program

T. Morishita (Caltech/IPAC), G. Roberts-Borsani (UCLA), T. Treu (UCLA), M. Bradac (University of Ljubljana), G. Brammer (DAWN), A. Fontana (INAF), A. Henry (STScI), C. Mason (DAWN), L. Pentericci (INAF), X. Wang (UCAS), and the GLASS JWST ERS team

The James Webb Space Telescope offers unprecedented sensitivities and spatial resolution in near- and mid-infrared wavelengths. Among nearly 300 science programs scheduled in Cycle 1, there are 13 programs that were pre-selected in a category called the Early Release Science (ERS). These programs are designed to advance the community's understanding and early use of data from this new observatory, and thus all data taken therein have been/will be released immediately without a proprietary period. The Grism Lens-Amplified Survey from Space (GLASS) is one of the ERS programs, targeting the Abell 2744 field, a massive cluster of galaxies at $z = 0.308$. In this presentation, we present the overview of our program and early results with the NIRSpec and NIRCам instruments. We will then highlight our spectroscopic confirmation and characterization of $z > 7$ galaxies, including the galaxy overdensity of six galaxies at $z = 7.88$. We will also introduce our efforts on making high-level science data products and inspection tools publicly available.