

Galaxy Evolution at the Peak Epoch of Cosmic Star Formation: Insights from Spatially- and Spectrally-Resolved Studies

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I will present recent key progress in our knowledge about the formation and evolution of galaxies at redshift $z \sim 1 - 3$, with an emphasis on results from spatially-resolved gas kinematics in connection with star formation, stellar, and cold gas properties. I will discuss implications for our understanding of physical processes from mass assembly to feedback, and will outline emerging challenges for the next decade.