



SEMINAIRE du Service d'Astrophysique

OBSERVING MASS ASSEMBLY AT HIGH-REDSHIFT

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11h00

I will present recent results from the SINS integral-field survey of star-forming galaxies at $z \sim 2$. Our on-going program has revealed evidence for a substantial population of large, rotating disks fueled by cold accretion of gas. The resulting high gas fractions of these systems create super-HII regions, which play an important role in the evolution of these massive galaxies at $z \sim 2$ and into their present-day form. Other gas processes, including galactic winds and AGN, are also observed and are likely critical to the understanding of the early evolution of these galaxies.

Ce séminaire aura lieu au CEA Saclay – Orme des Merisiers – bâtiment 709, Salle 003.