

Service d'Astrophysique
SÉMINAIRE

Mardi 14 avril 11h00

CEA Saclay, Orme des Merisiers Bât 709, salle 3 (Rdc)

Observing Mass Assembly at High-Redshift

Kristen Shapiro

UC Berkeley

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.

Le cafe sera servi 10 minutes avant

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http://irfu.cea.fr/Phocea/Vie_des_labos/Seminaires/index.php