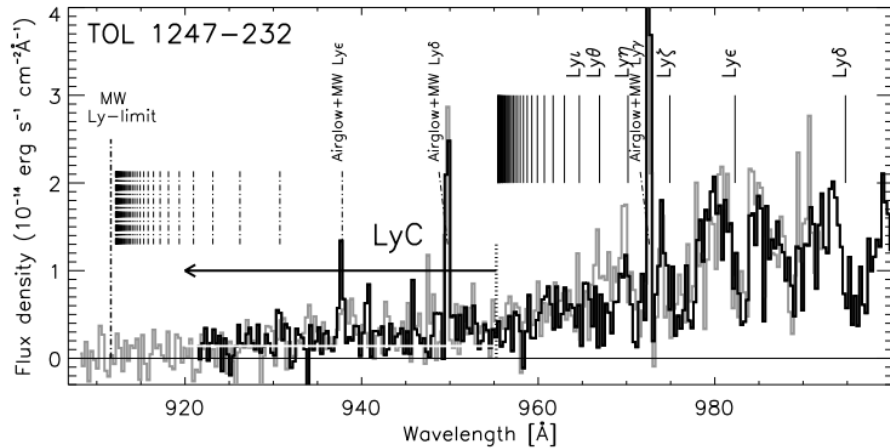
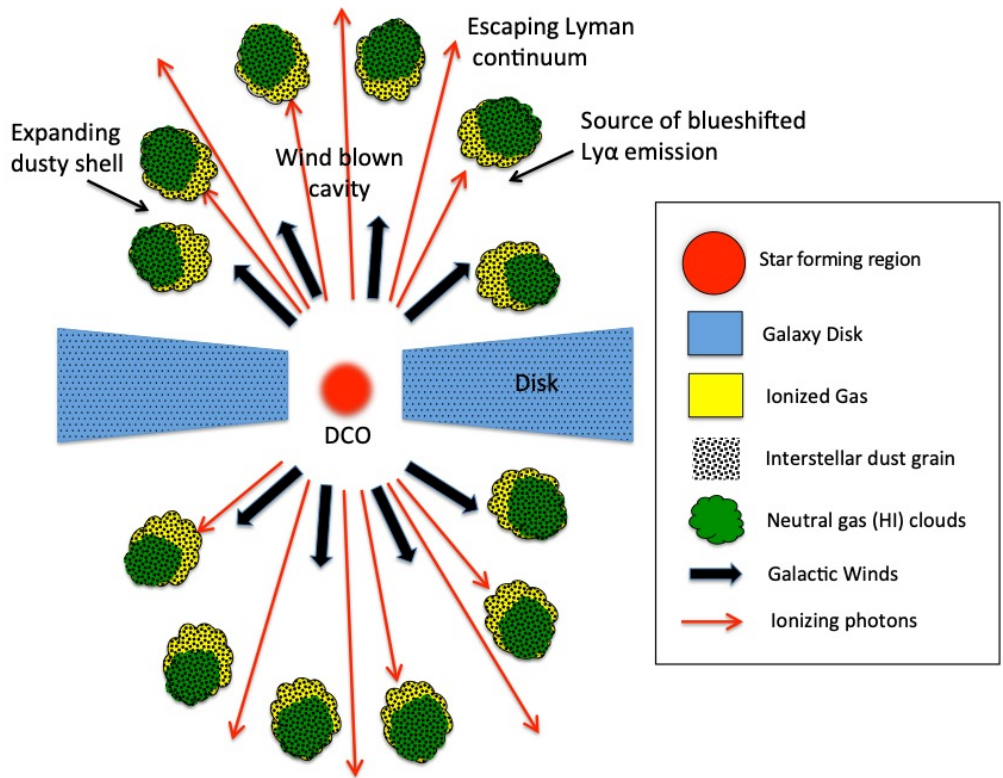
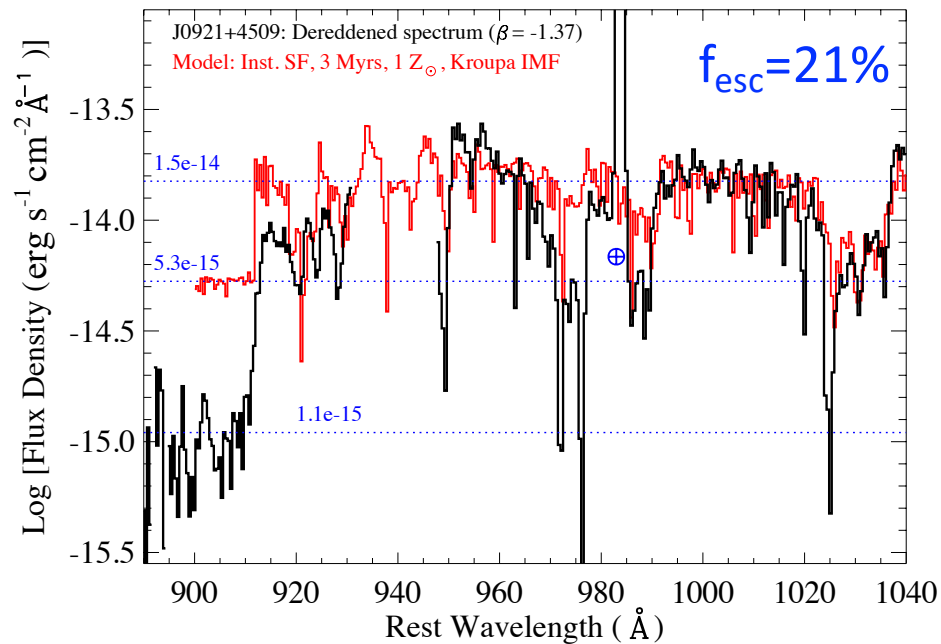


Direct Detection of Lyman Continuum In COS era



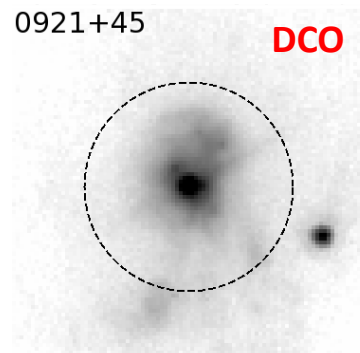
$$f_{\text{esc}} = 2.4\%$$

Leitet et al. 2013,
A&A, 553, 106



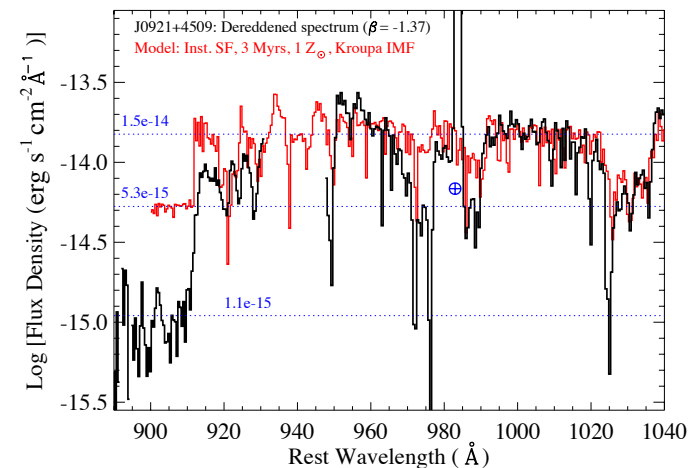
Borthakur et al. 2014,
Science, 346, 216

Starburst Galaxies Similar to High-z Counterparts



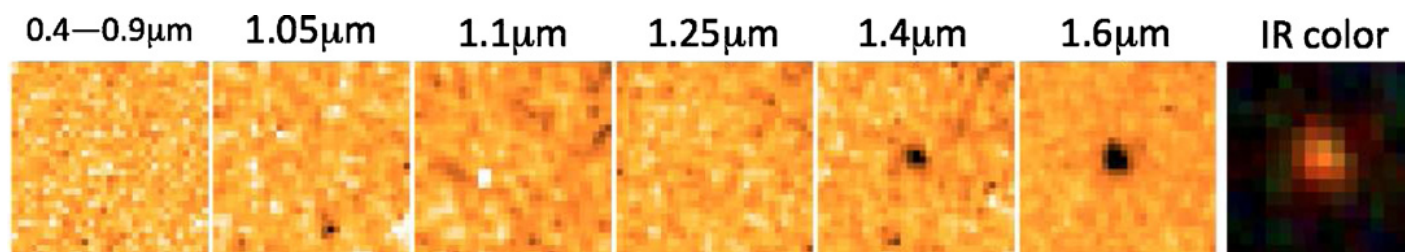
Dominant Central Object (DCO):
 $\sim 10^9 M_{\odot}$ of stars in ~ 100 pc region

HST rest-frame optical images of Lyman Break Galaxy Analogs (LBA) observed with COS. The circle indicates the 2.5 arcsec aperture of COS.



$f_{\text{esc}} = 21\%$

MACS0647-JD
 $Z \approx 10.7$

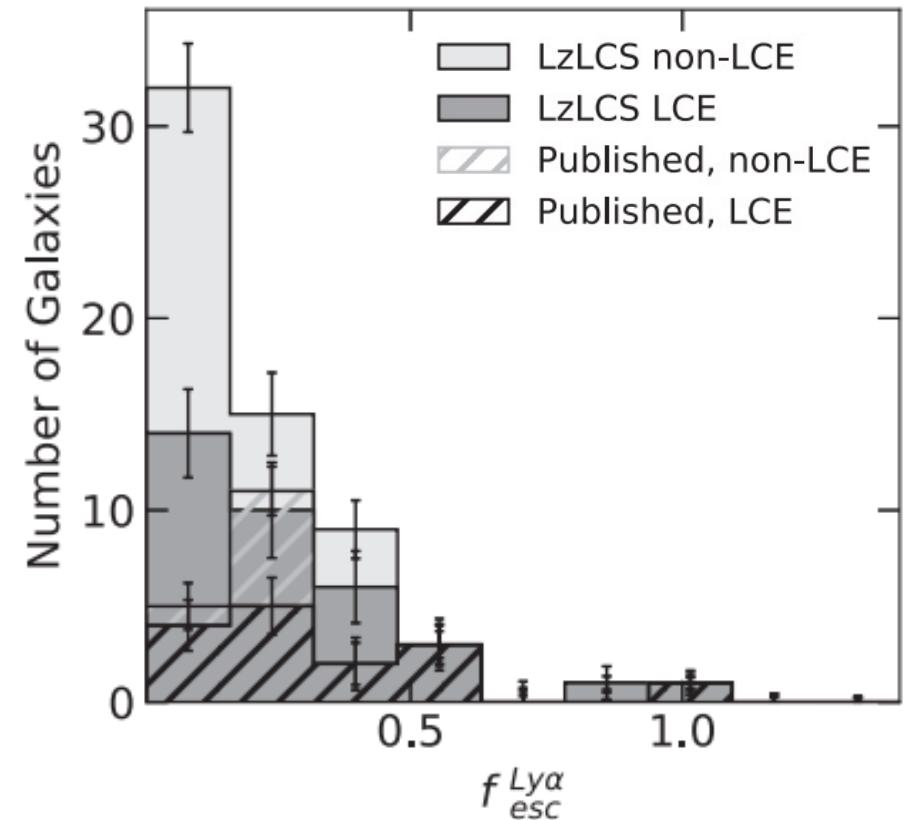
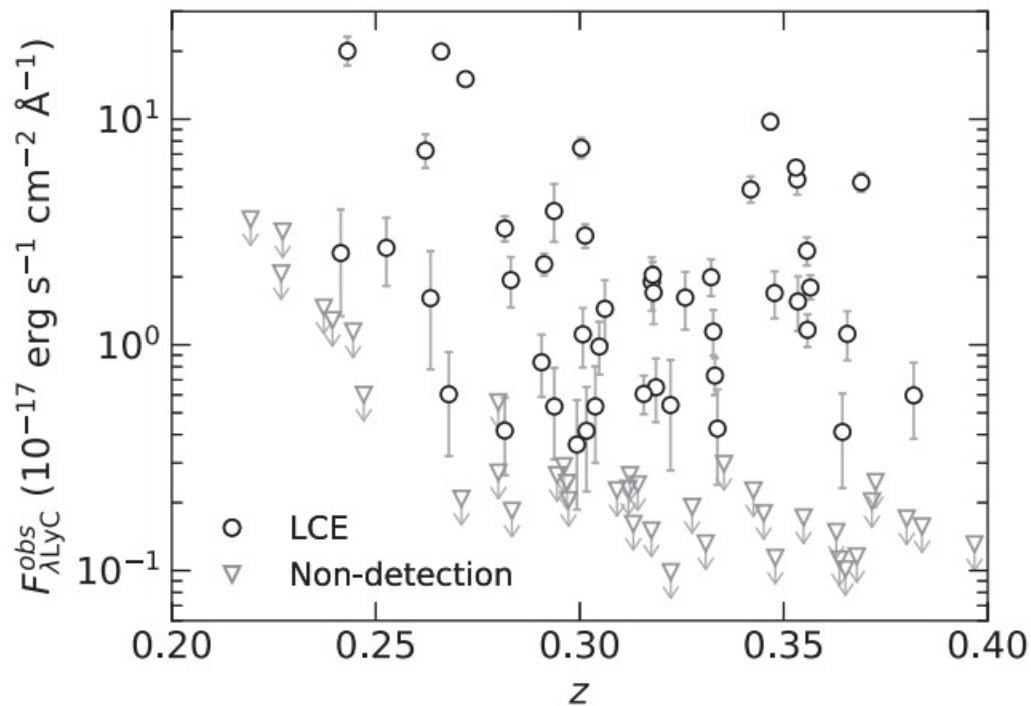


Average half-light radius of roughly $\langle r_{1/2} \rangle \sim 260$ pc and a stellar mass of $\sim 10^9 M_{\odot}$.

Coe et al. 2013

Surveying the Lyman Continuum Escape Fraction

The Low-redshift Lyman Continuum Survey



Flury et al. 2022, APJS, 260, 1