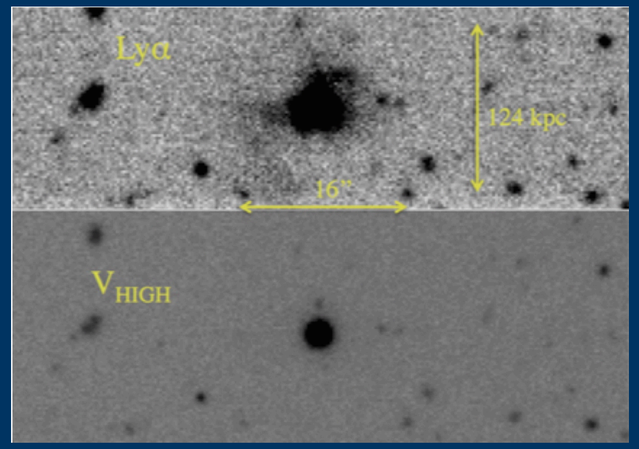
A Lyman alpha Blob at a redshift of 3.5

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This is the discovery picture

This is a blob at a redshift of 3.5, discovered by Pablo Arredondo - Haro



This is the position of the Blob

The discovery was done with the Filter F551W17 and the ACS image

The nominal centre of the filter was 6808 AA with width of 20AA

Its Diameter was between 26 < d < 64 Kpc

Its surface Brightness was between 3 x 10^-19 and 2 x 10^-17

Its Luminosity is between 10^42 <Ly_alpha < 10^44 erg/s

Total Magnitude and total Flux were 25.59 and 1.1e^46 erg/s

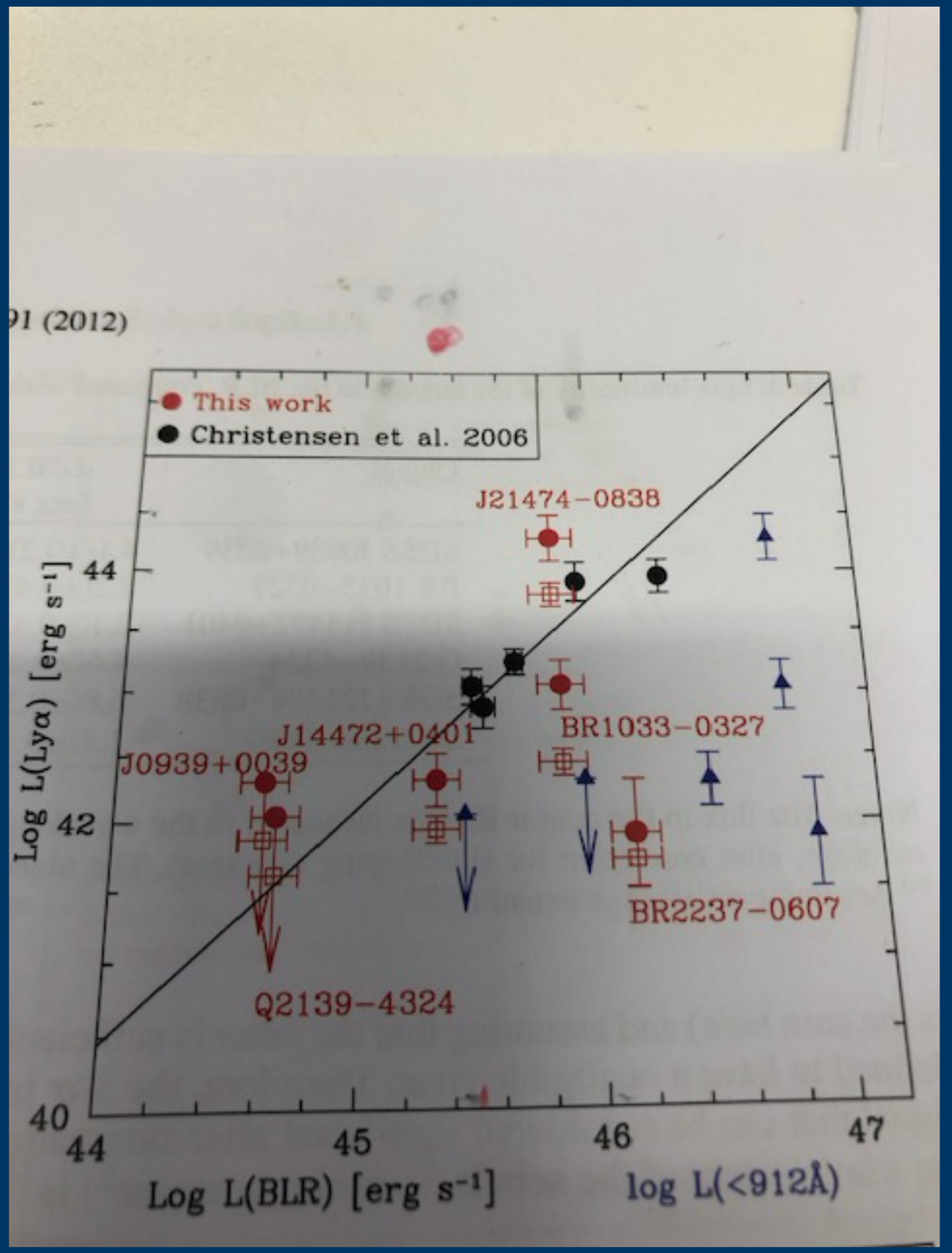
It is one of the brightest Blob.

In a diagrame of North etal. goes above scale.

Fluxes are 7.53e^45 for the Blob & 7.57 e45 for the Galaxy

I terms of areas the blob is around 70/% while the galaxy

is 97%
The flux of the Blob is 5.32e^45 erg/s


91 (2012)
This work
Christensen et al. 2006
J21474−0838
J14472+0401
J0939+0039
BR1033−0327
BR2237−0607
Q2139−4324
Log L(Lyα) [erg s⁻¹]
Log L(BLR) [erg s⁻¹]
log L(<912Å)
40
42
44
44
45
46
47

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