

SDSS J141637.44+003352.2

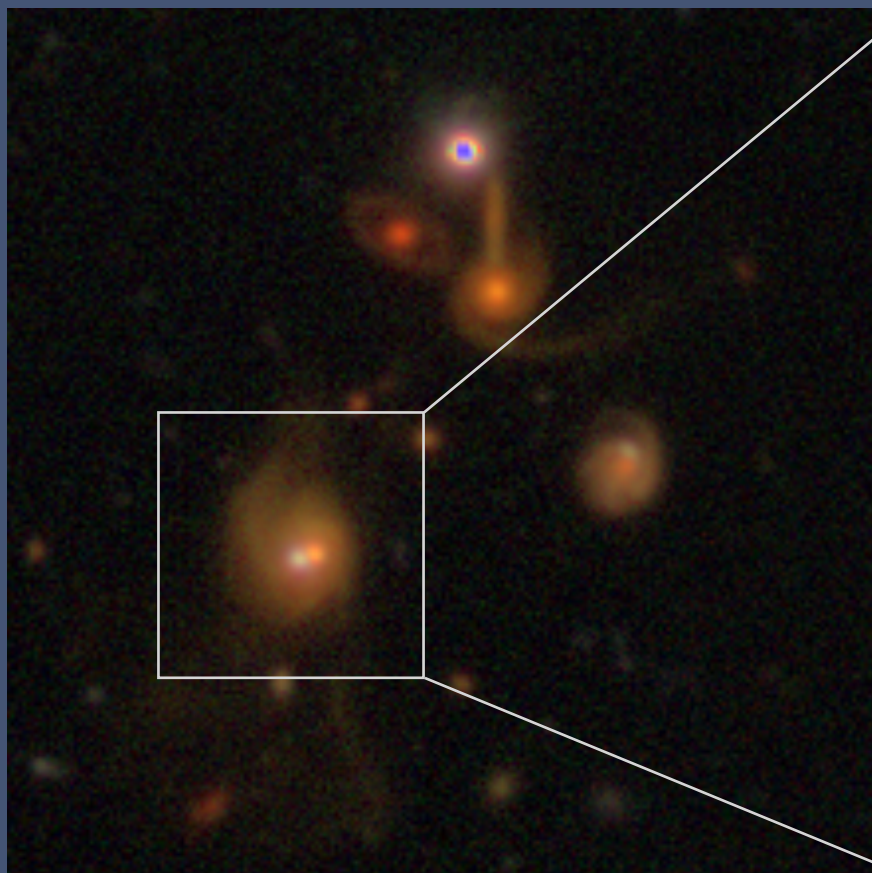
a dual quasar pair

$z = 0.4336$

$\theta = 0.7'' = 3.9 \text{ kpc}$

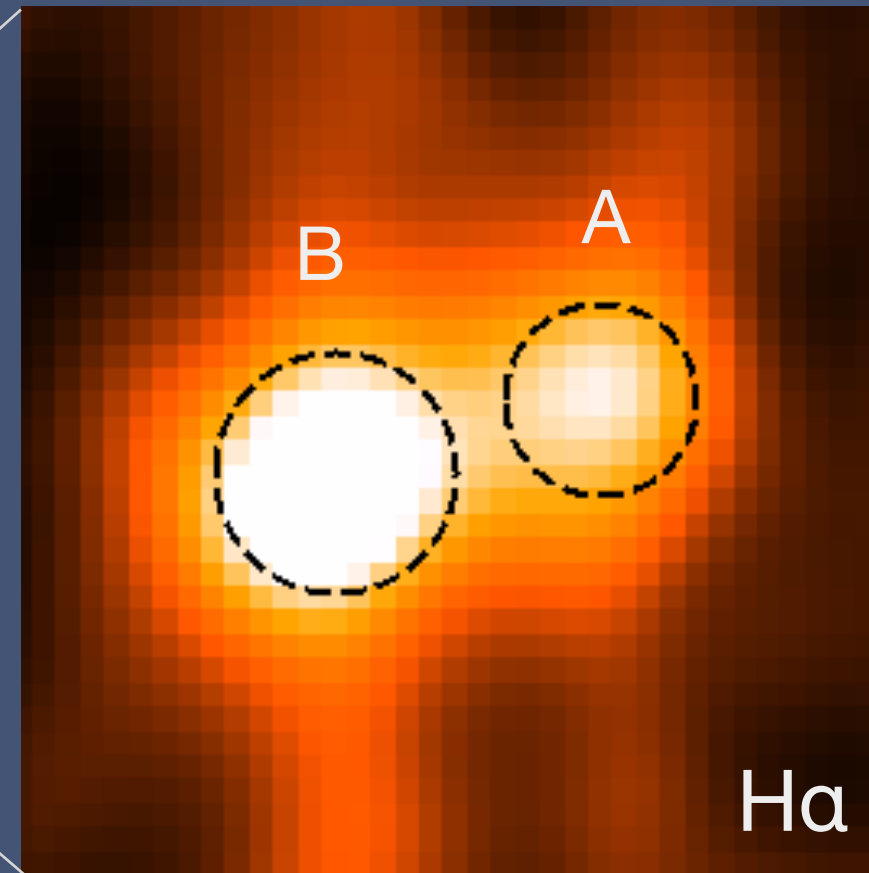
$M_{\text{black hole}} = 2 \times 10^8, 8 \times 10^7 M_{\odot}$

Subaru/Hyper Suprime-Cam (HSC)



13,000 light years ($0.7''$)

Gemini-N



Keck-I

Gemini-N

