

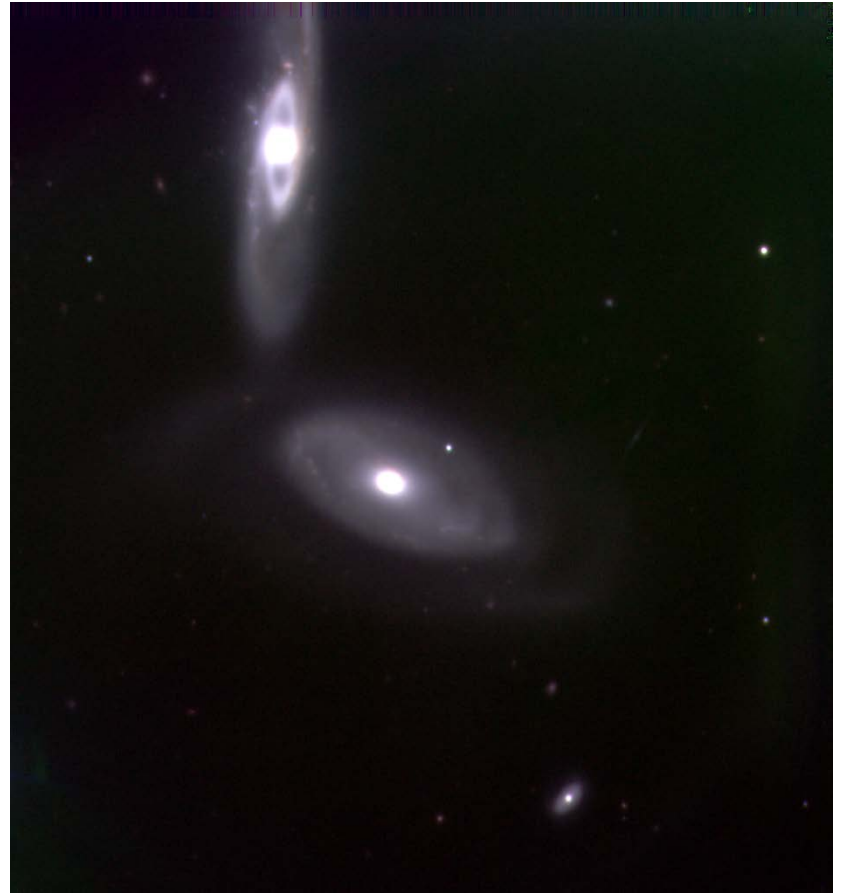
# ARGOS commissioning

March 2016 preliminary impressions



NGC 4449, J, H, Ks Color  
composit ARGOS & LUCI  
0.2'' Resolution in Ks

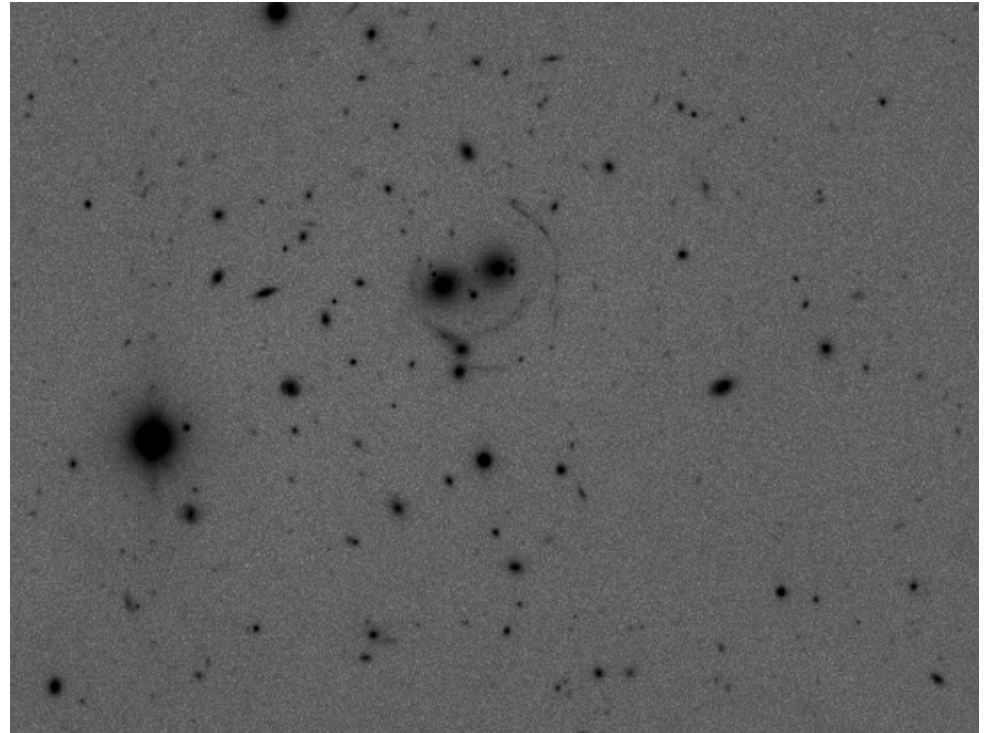
NGC 5921 & NGC 3786, JHK ARGOS GLAO  
Taken in high seeing conditions ( $\sim 1.5''$  DIMM)  
Resulting in  $0.4..0.5''$  Ks..J with ARGOS



# Lensed objects images with ARGOS



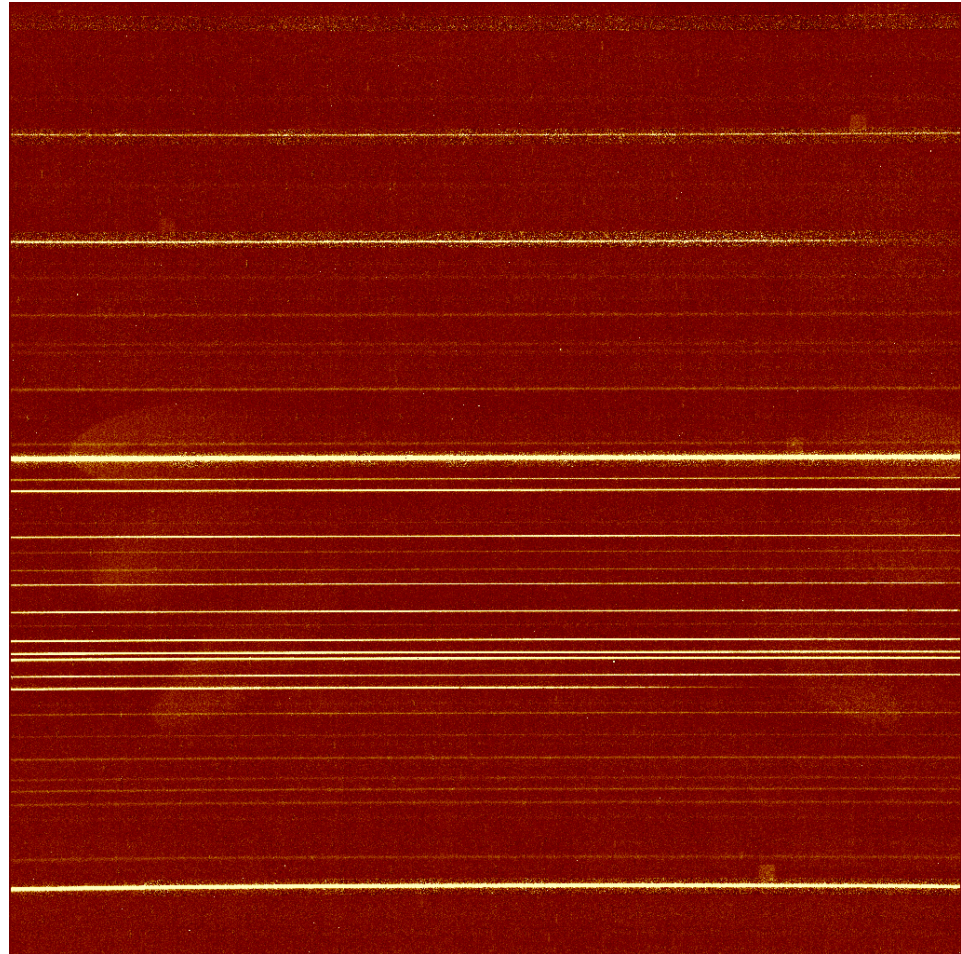
SDSS J134332.85+415503.4  
Main arc at  $z=2.09$   
J,H,Ks, 30 min each band  
0.2" resolution in Ks



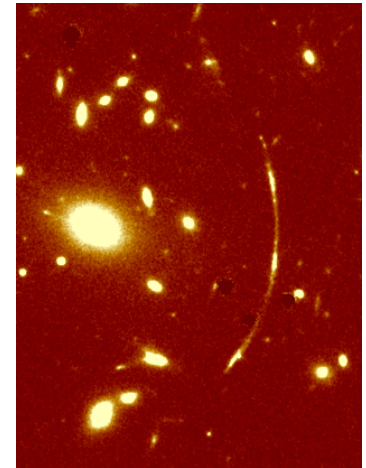
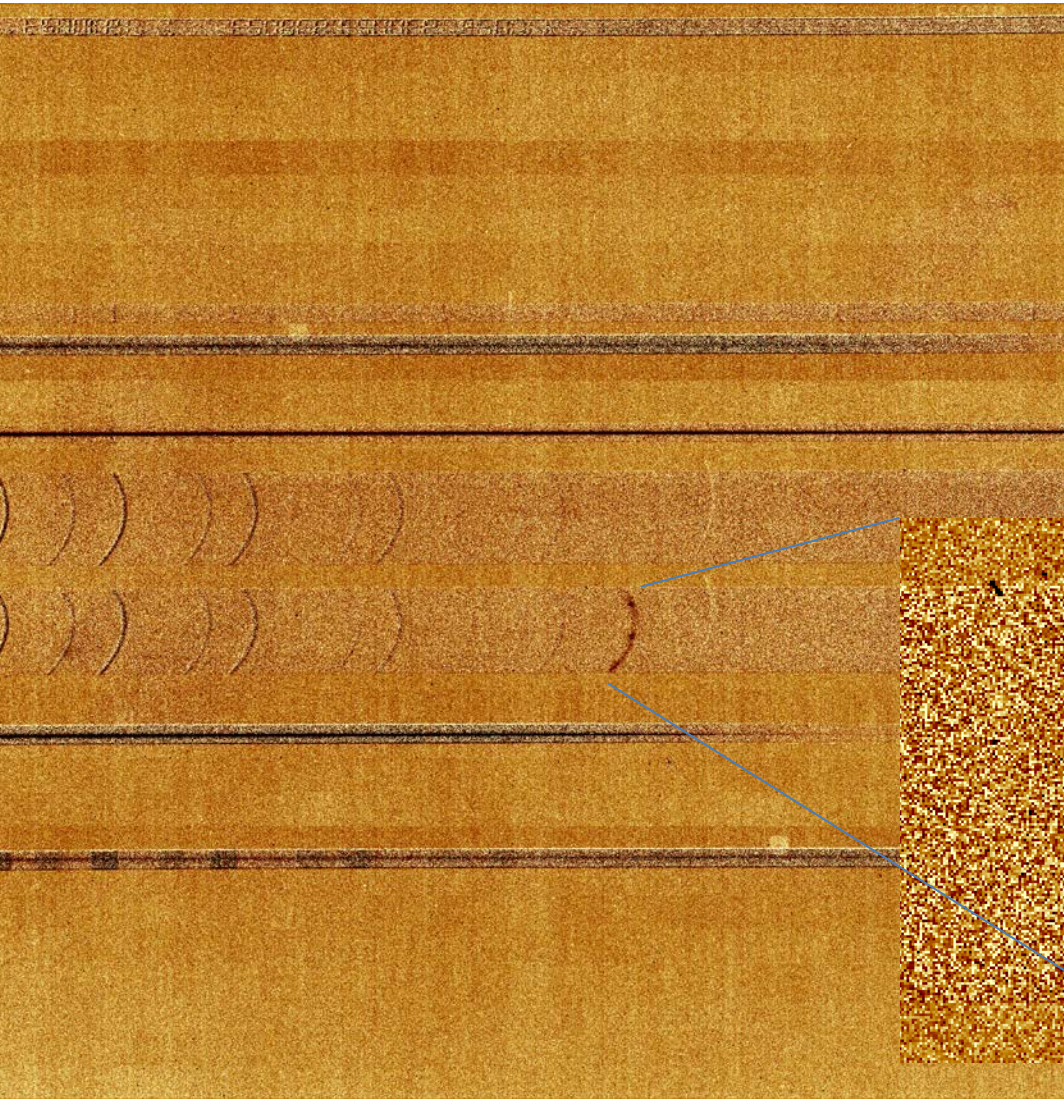
SDSS J1038 + 4849 ,The Cat, main  
arcs at  $z=0.97, 2.19$   
J-band image

# NGC5466 MOS spectroscopy

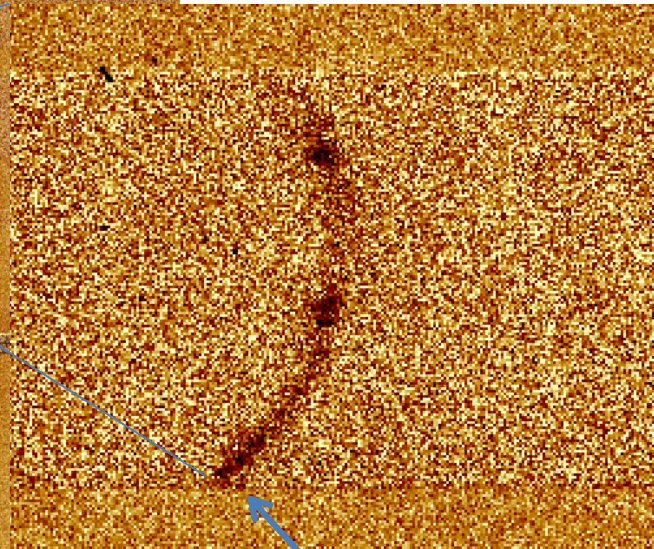
- 33 spectra over the field visible immediately in short integration
- Spatial Resolution  $\sim 0.2''$  in K
- $0.25''$  slitwidth N3.75 Camera



# SDSSJ1110+6459 $z=2.49$



HST



H $\alpha$  detection  
30min on source  
0.5" slitwidth,  
N3.75 Camera

,clumpy structure' visible at 0.2" resolution