

Host galaxy at  $z = 1.0054 \pm 0.0002$   
multiply-imaged by MACSJ0416

**Spock-SE**  
**Aug 2014 IR flare**  
 $\mu \sim 20$  [5,60]  
 $M_I \sim -14.4$  [-13, -16]  
 $R - I \sim 0.4$   
 $\tau < 1$  wk rest-frame

**Spock-NW**  
**Jan 2014 optical flare**  
 $\mu \sim 30$  [5,1100]  
 $M_B \sim -14.3$  [-10, -16]  
 $U - B \sim 0.5$   
 $\tau \sim 2.5$  days rest-frame

Lensing Critical Curve  
for a source at  $z=1.0$

2"

