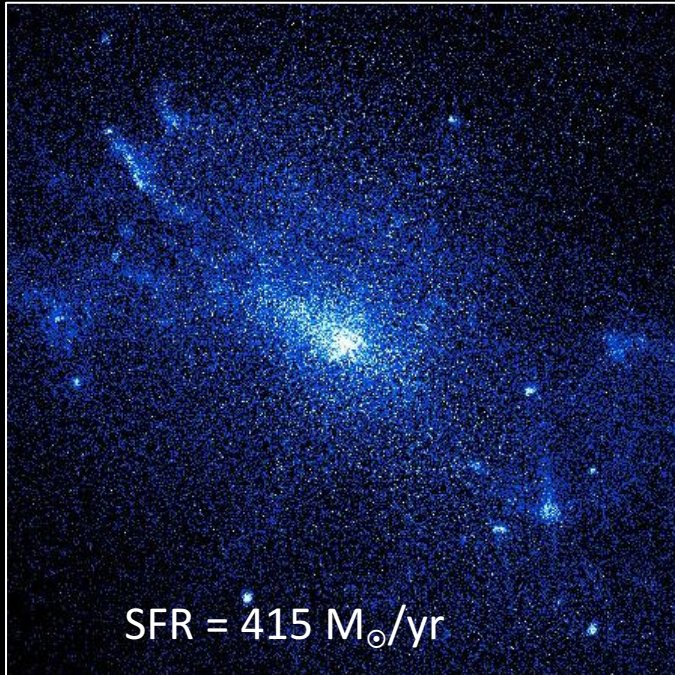


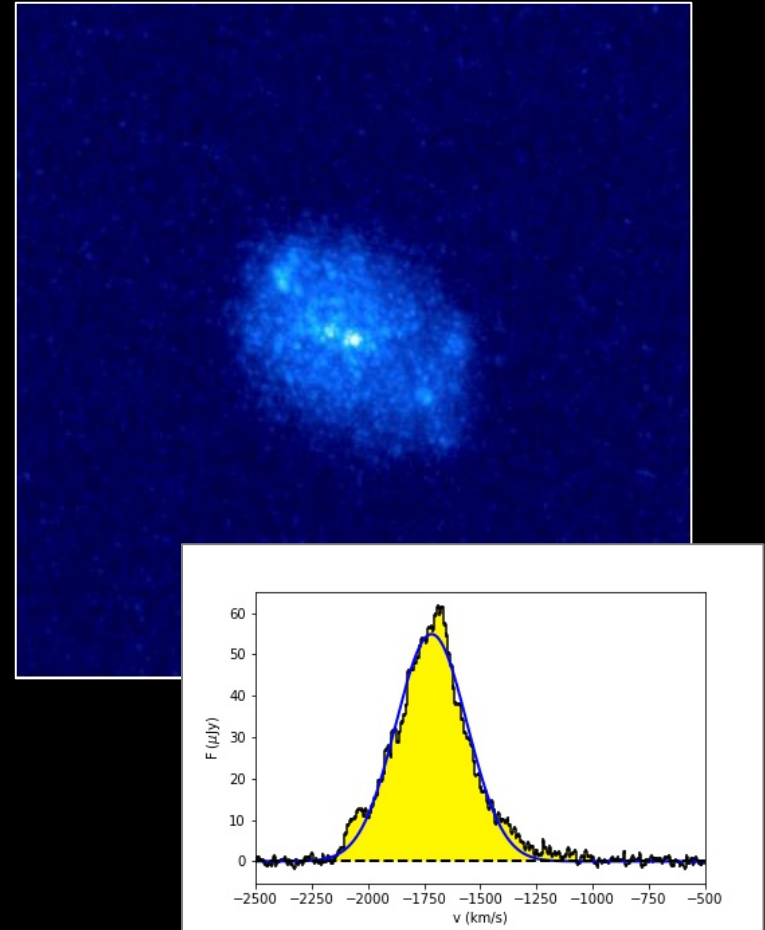
Simulated Imaging of CO in SMGs

Moment 0 map of simulation:
CO(1-0) in a $z=4.37$ SMG



Run through SIMOBSERVE using
292 18-m dishes for a 2 hour
integration, resulting in $\sim 10 \mu\text{Jy}$
channel rms

Moment 0 map of
SIMOBSERVE output



See poster for results on gas
mass, CO line luminosity, &
gas depletion timescales