Dark Matter N-body Simulation
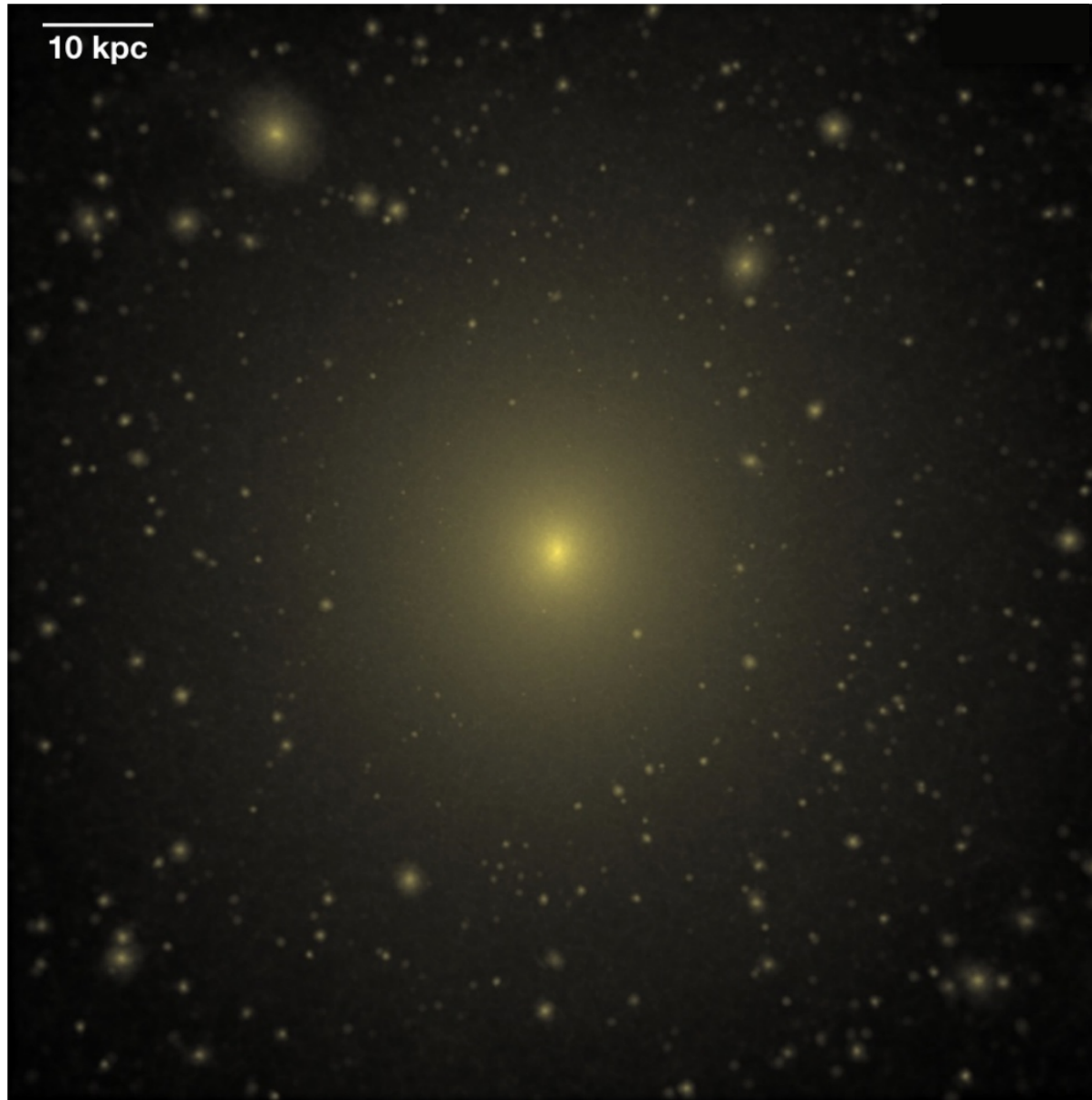

10 kpc

10 kpc

"subhalo"

'Classical' Dwarfs

$M^* \gtrsim 10^5$, $M_V < -8$

"halo"

'Ultra-faint' Dwarfs

$M^* < 10^5$, $M_V > -8$

Surface Brightness Fluctuations

3 Mpc
TRGB

7 Mpc
SBF

15 Mpc
SBF

Very Far
Redshift