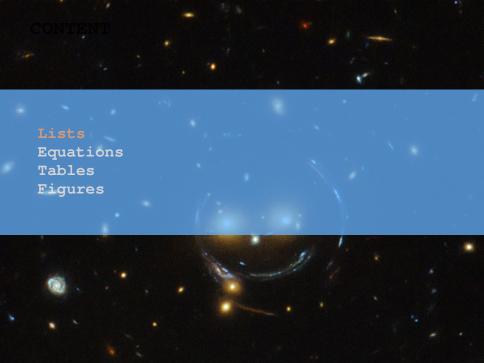
# A Modern PowerPoint Template

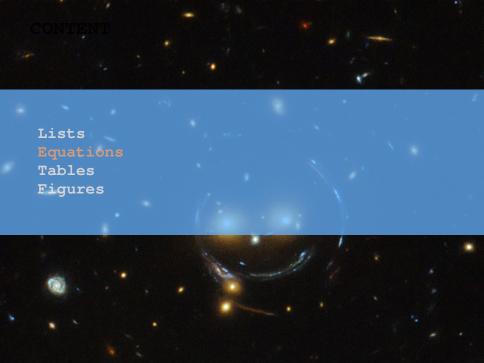
John Smith
The Willy Wonka Candy Company
johnsmith@willywanker.com





### HOW LISTS LOOK LIKE...

- globular properties sensitive to cosmology
- their formation from cosmic density field is known
- observational measurements have advanced significantly
- test ground for nonlinear interactions of modified gravity theories with matter
- ullet place strongest constraints on f(R) gravity on cosmological scales



# ...OR EQUATIONS...

• modified Einstein-Hilbert action

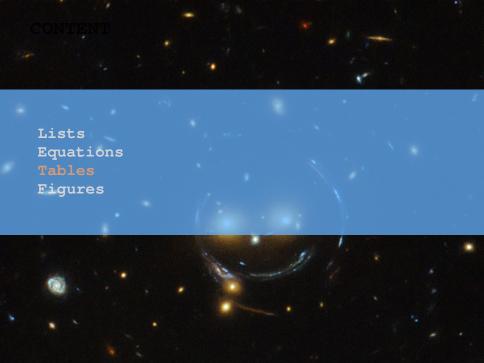
$$S = \int d^4x \sqrt{-g} \left[ \frac{R + f(R)}{16\pi G} \right]$$

• modified Einstein equation

$$G_{\mu\nu}+X_{\mu\nu}=8\pi GT_{\mu\nu}$$

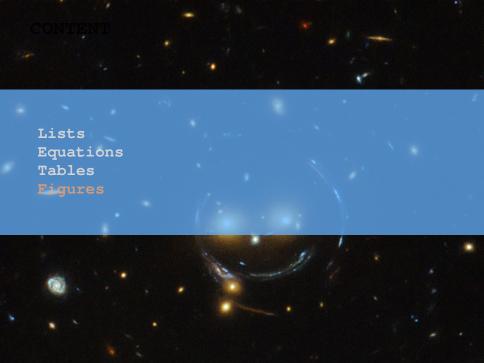
• modified Poisson equation

$$\nabla^2 \Phi = \frac{4}{3} 4\pi G \delta \rho - \frac{1}{6} \delta R$$



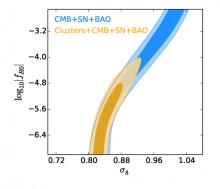
# ...OR TABLES...

	Cataneo		Mak	
Clusters	224, $z < 0.5$ , $M_{\text{true}}$	ROSAT	$\sim 3000,$ $0.15 < z,$ $M_{vir} > 10^{14} M_{\odot}$	Planck, SPT, SPTpol, ACTpol
СМВ	<i>z</i> ∼ 1100	WMAP, Planck, ACT, SPT	<i>z</i> ∼ 1100	Planck
SNIa	580, <i>z</i> < 1.5	Union 2.1		
BAO	0.1 < z < 0.8	6dF, SDSS, WiggleZ		



## ... OR FIGURES

#### Cataneo



#### Mak

