

Discussion

What one should NOT do

Observers:

- Not use v/σ alone w/out ellipticity to separate fast/slow rotators
- Be careful when fitting edge-on galaxies (profiles should be $\mu(r,z)$)
- Bars in two-component fits: select galaxies carefully and according to what your scientific question is
- E/S0s from purely photometric information - acknowledge sample contamination
- Don't use catalogs blindly
- Do not forget about cosmology/evolution/large scale structure

Modelers:

- Be careful with what you mean by 'morphology'
- Explore all scaling relations simultaneously
- Don't use catalogs blindly
- Do not forget about cosmology/evolution/large scale structure

Top 5 things we all agree with

- Forward model simulations (get closer to observations)
- Morphology as distributions, not one-to-one comparisons
- Simulations should try and reproduce offset in mass-size relation ($z=0$) for bulges and Es
- Simulations should try and reproduce merger rates as a function of look-back time
- Higher chemical dimensionality (predictions for species)
- The gas component is important
- Connect where stellar mass is today to where star formation occurred

Facilities

(wish list)

- Complete redshift surveys w/ more than a million galaxies (w/ resolved imaging) -- need big MOS
- Interferometry in the FIR (high spatial resolution)
- Resolved stellar populations out to Virgo
- Effort to make simulations available, VO-style
- SKA, gas distributions out to $z \sim 1$
- Euclid ($z \sim 0.06$ SDSS-like resolution at $z \sim 1$)
- Public engagement, citizen science: Angry Galaxies!