

# Oct - 23

Note Title

8/28/2014

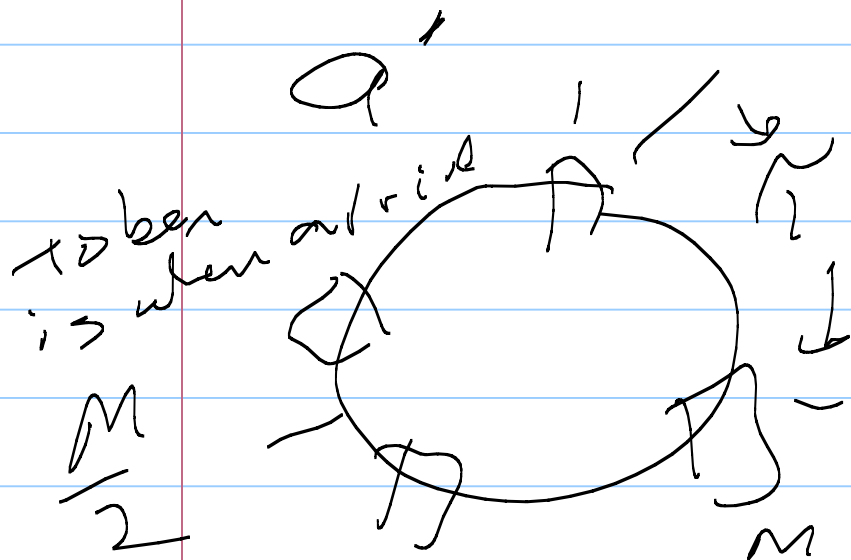
- MAC
  - + Rules for sharing access
- + Pay for by  $S_{max} < I$
- Deterministic protocols
  - + Max THT
  - + Does not ~~scale~~ scale
    - of  $S_{max} \downarrow$

$$\text{Rate} = C \uparrow \quad S_{\text{max}} \downarrow$$

$$\# \text{ users } \uparrow \quad S_{\text{max}} \downarrow$$

Relative or normalized

Size of network



$$M = \# \text{ nodes}$$

$\tau$  = prop + time between user

$$\tau_r = \text{ring latency} = M \tau / 2$$

$$a' = \frac{r}{(L/C)}$$

as  $a' \uparrow$

$S_{max} \downarrow$

$a'$  is the effective size of the network