

# 1. FIFO ordering

- Multicasts from each sender are received in the order they are sent, at all receivers
- Don't worry about multicasts from different senders
- More formally
  - *If a correct process issues (sends)  $\text{multicast}(g,m)$  to group  $g$  and then  $\text{multicast}(g,m')$ , then every correct process that delivers  $m'$  would already have delivered  $m$ .*