















## Summary

## • Trends in switching

Single-stage shared memory and busses are running out of steam.

Combined I/O Queueing and/or multistage switches are require.

## • Trends in routing

- Removal of CPUs from forwarding path.
- Quality Processor still on the main forwarding path.
- Key Technologies
  - Memory Bandwidth
  - Serial link technology
  - Special-purpose memory
  - Special-purpose processors

25/25: Merging IP and ATM