

Lecture 13: Wireless Routing

Wireless is Different

- **Variable:** signal attenuates over space
- **Interference:** other RF sources can interfere with signal
- **Multipath:** signal can self-interfere
- **Distributed:** nodes cannot detect collisions

Wired Routing Review

- Goal: optimal routes
- Link state protocols
- Distance vector protocols
- Assumption: topology is stable
- Common metric: hop count