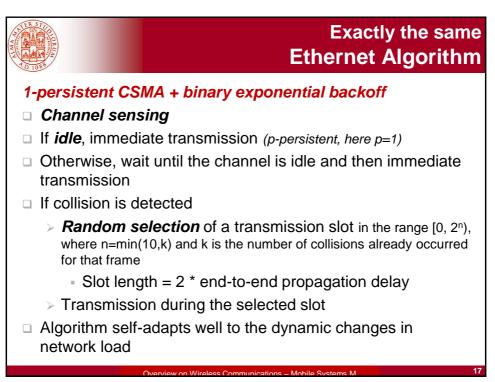
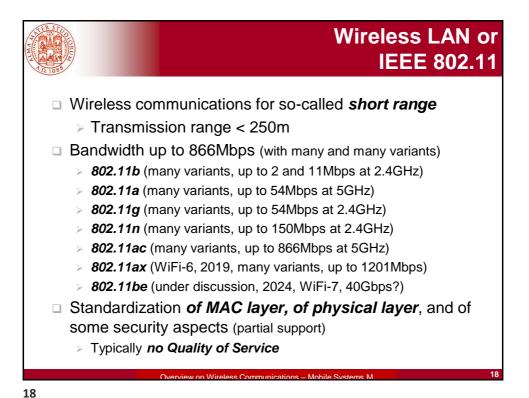
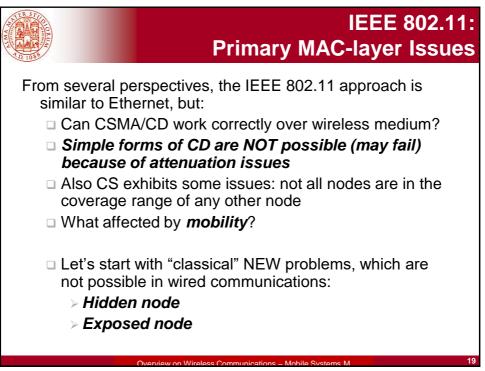
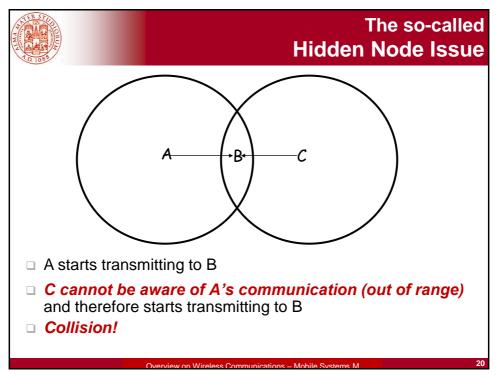


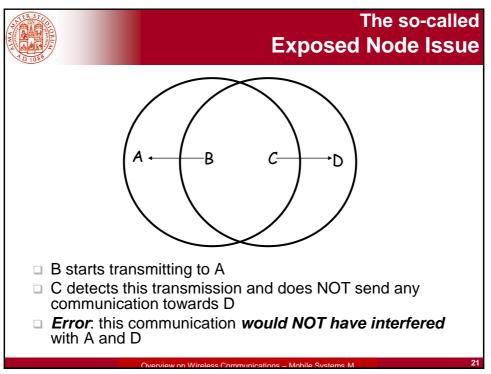
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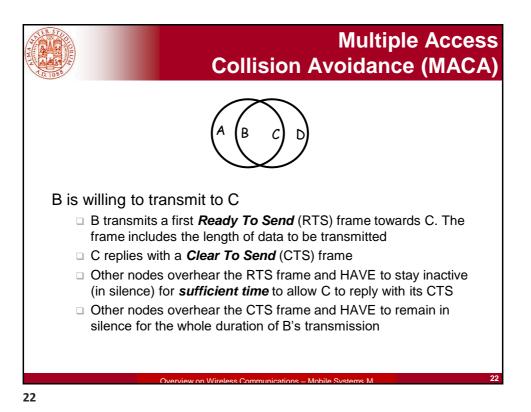


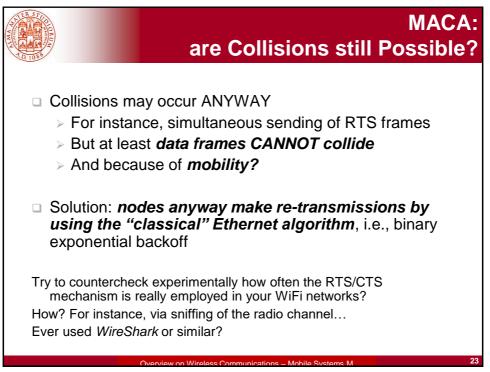


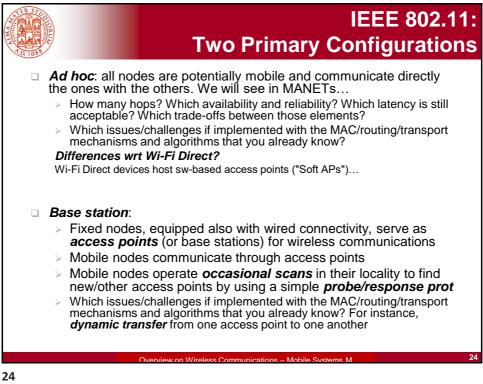


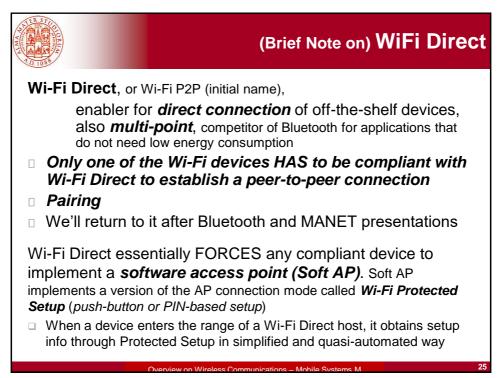




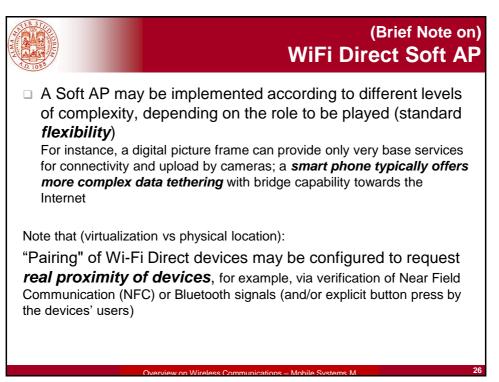


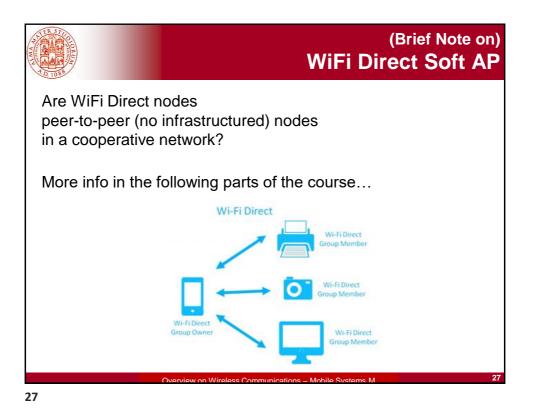




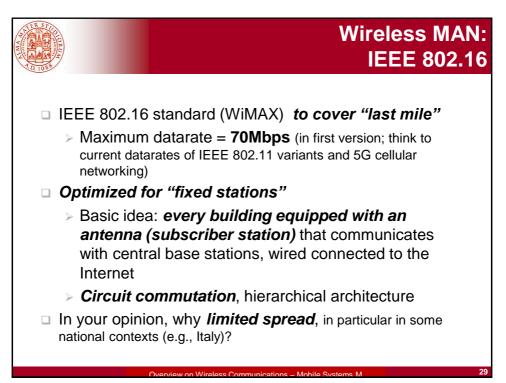


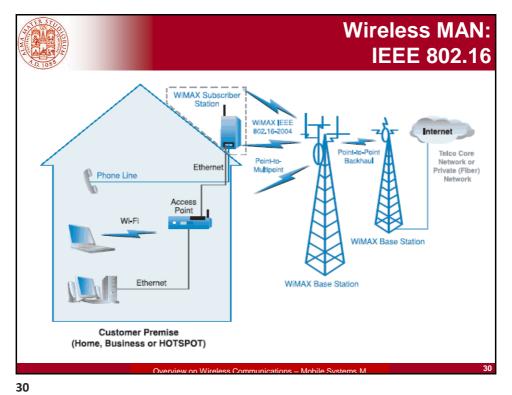


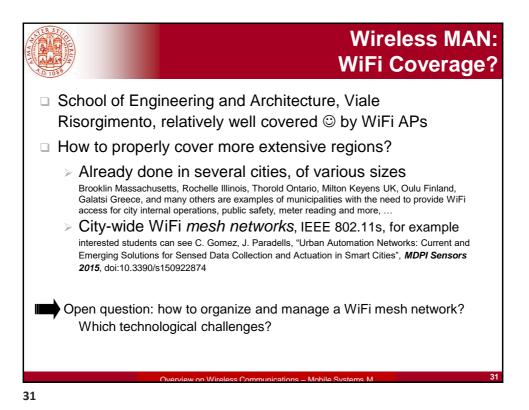


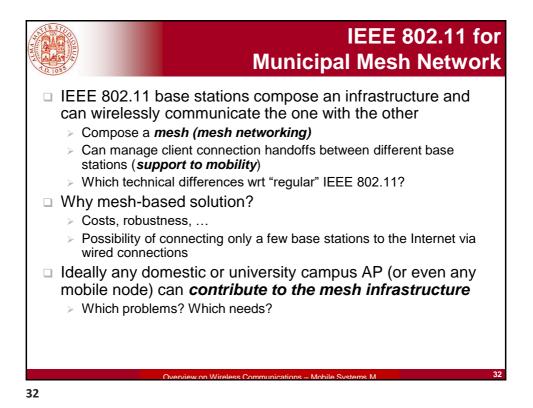


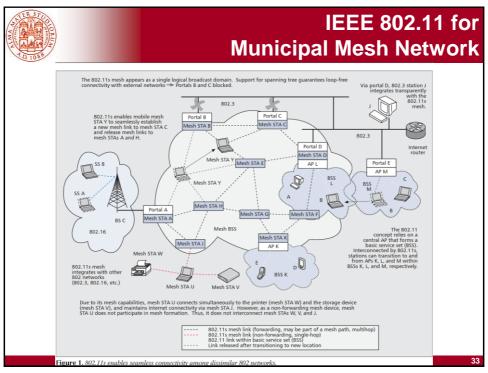
Why?
Growing demand for *local network connectivity with high bandwidth* High-capacity fiber/cable towards any user is typically *unsustainable from the economic point of view* (think to WiMAX in mountain areas or for covering geographic areas with limited population density)
IEEE 802.11 is short range (around 250m in optimal conditions)
Cellular communications (see next lectures) could be or could be perceived as *too expensive for the offered datarate*

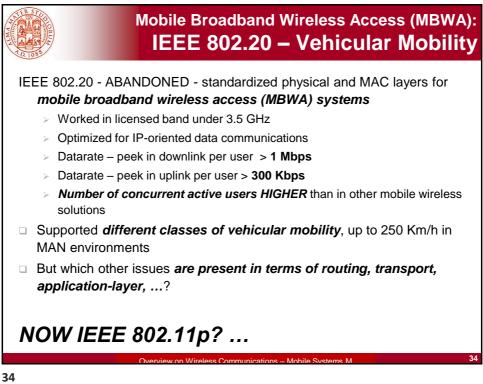


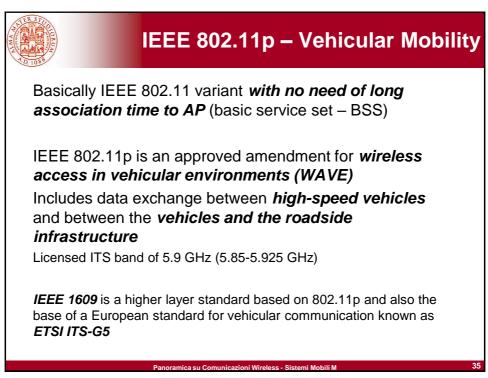


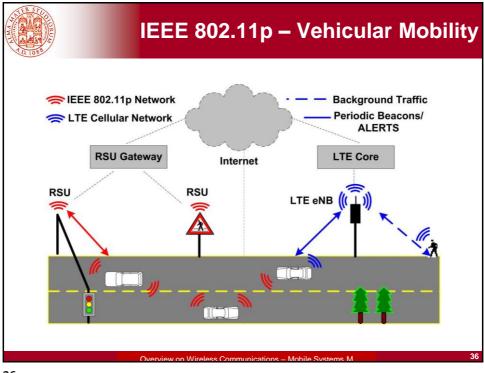


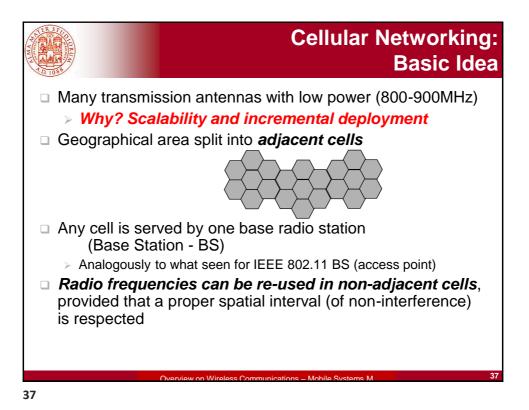


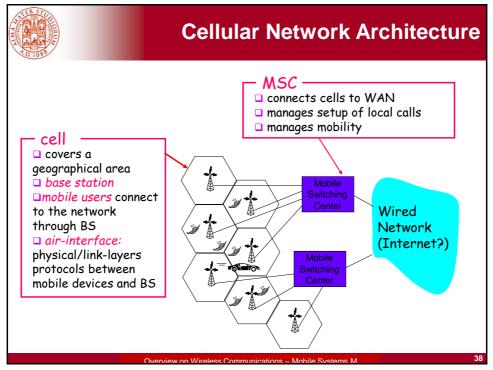


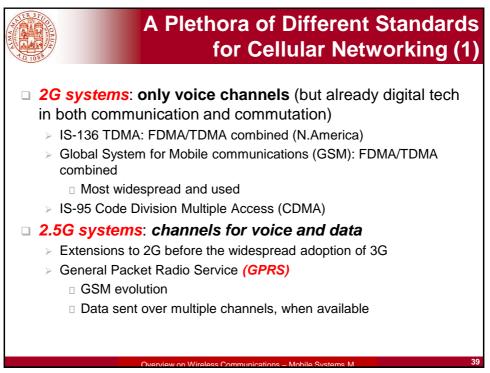


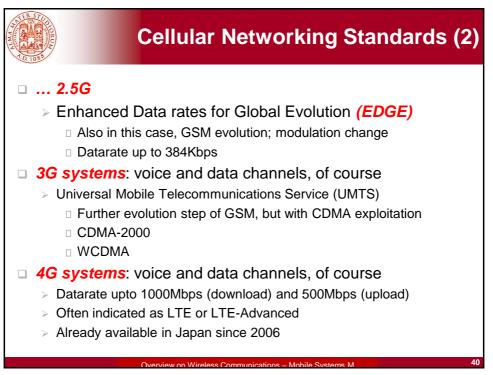


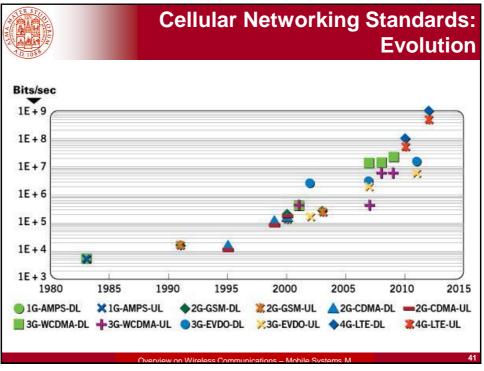


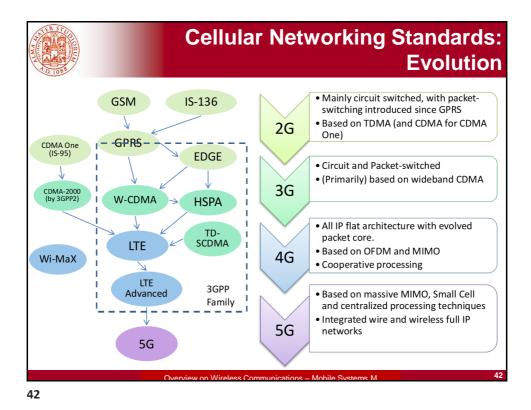


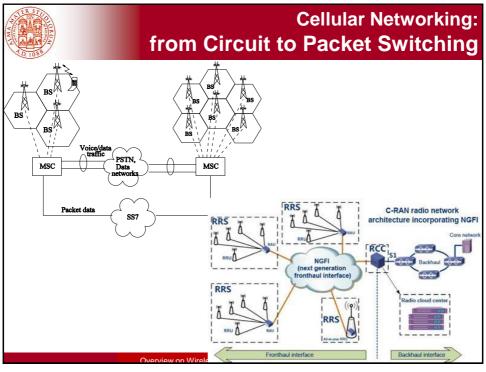


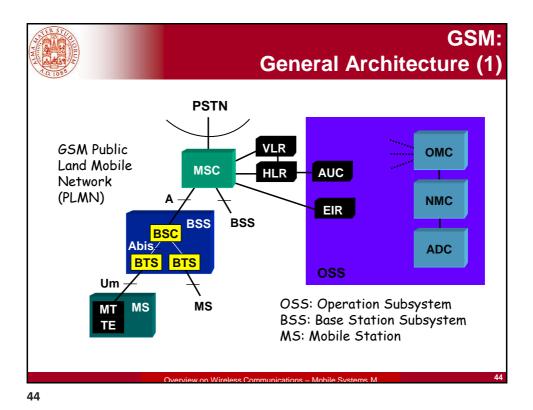


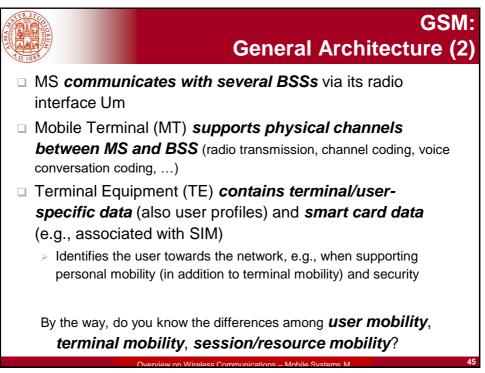


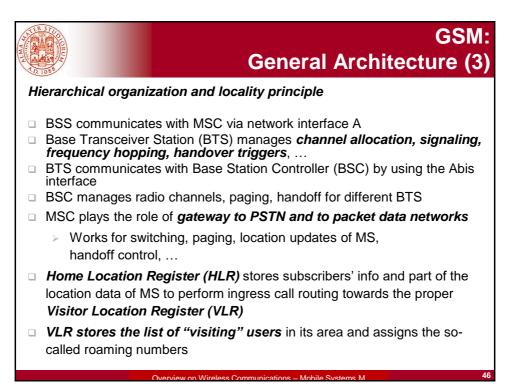


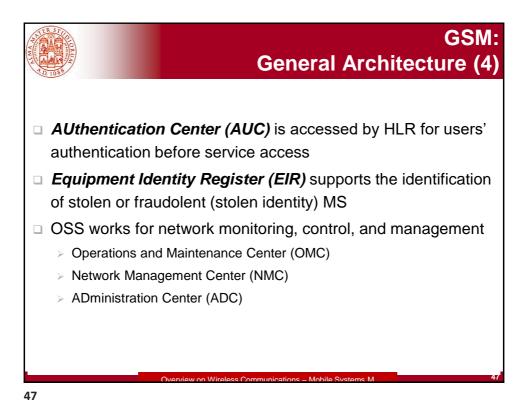


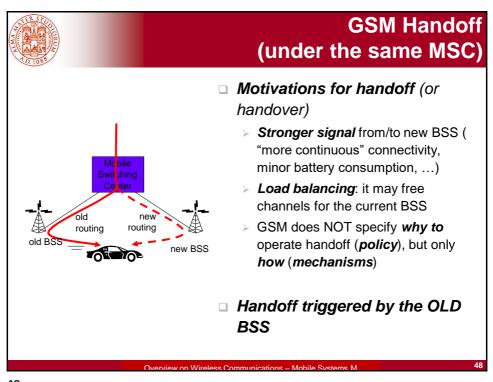


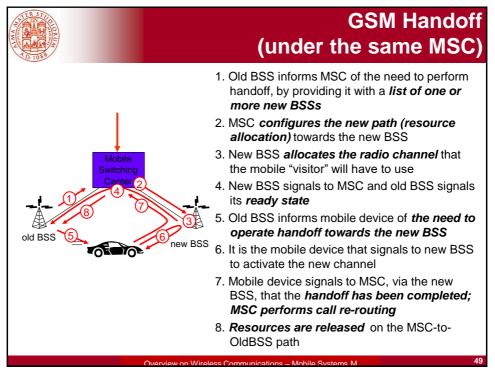


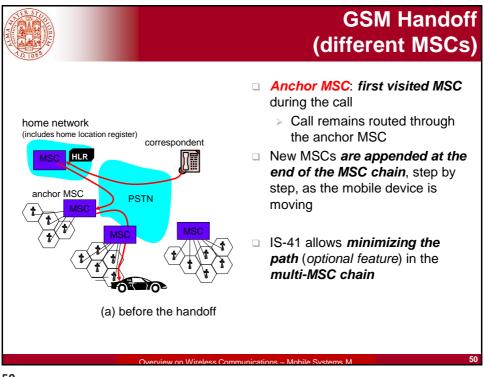


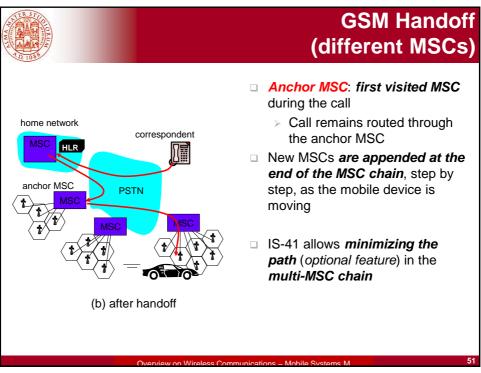


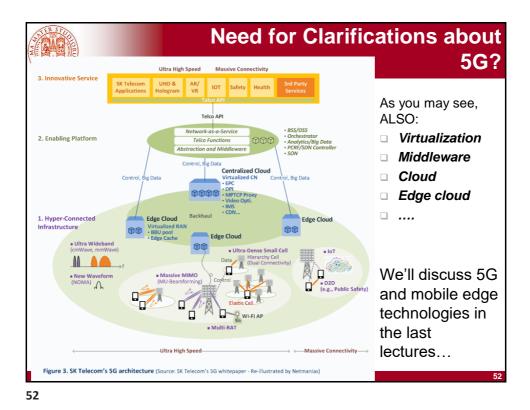


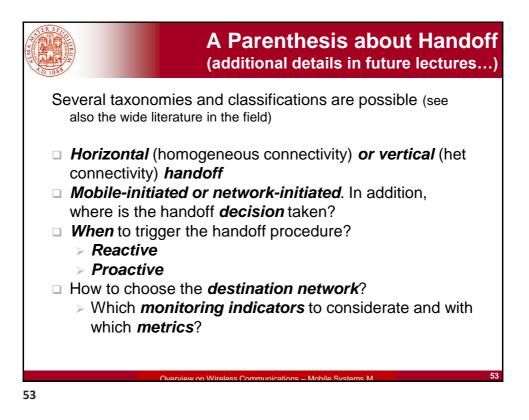




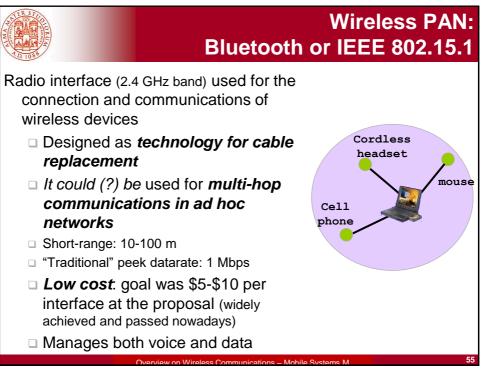


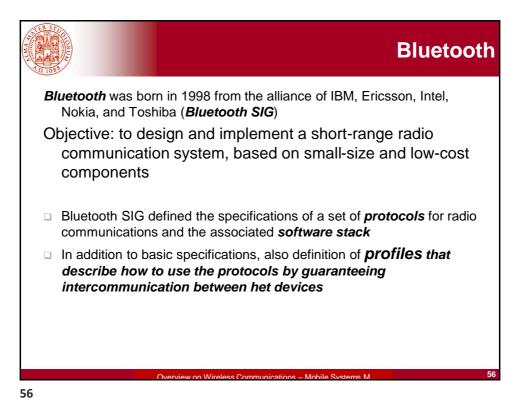


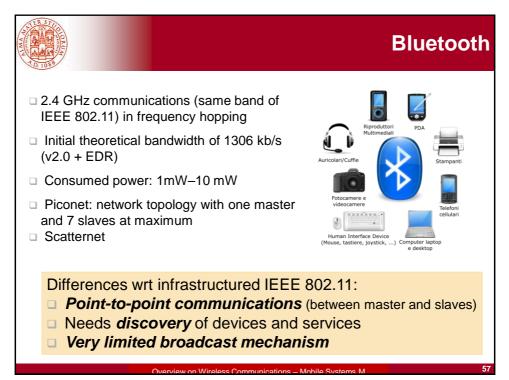


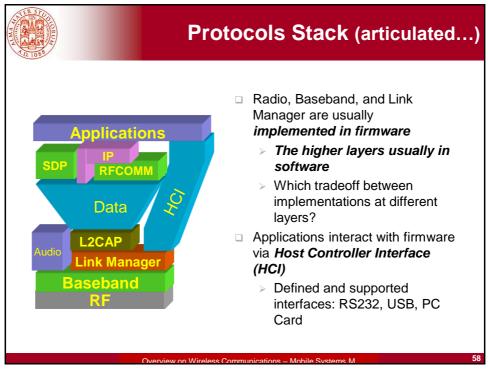


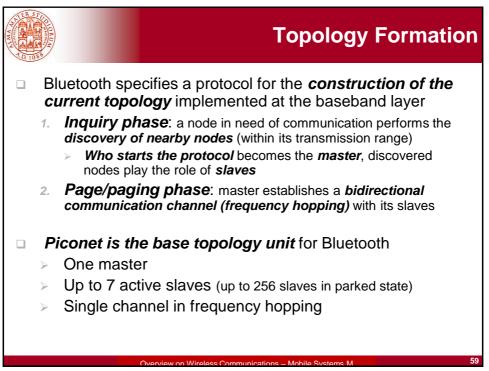


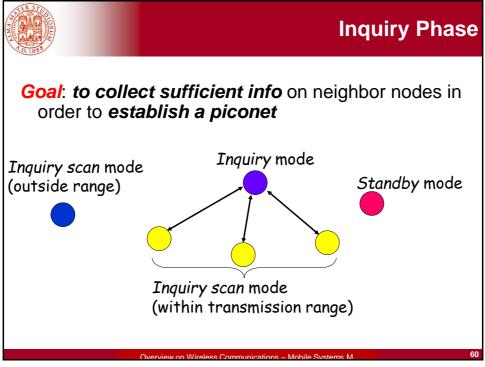


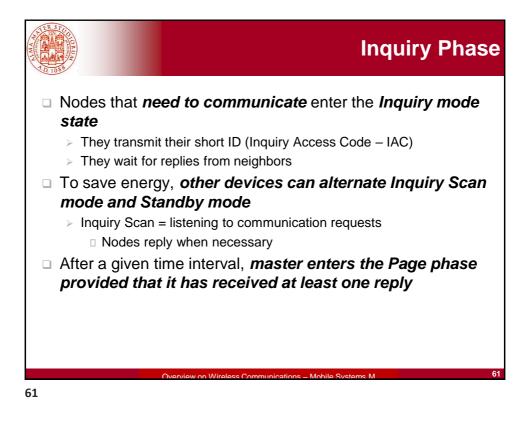


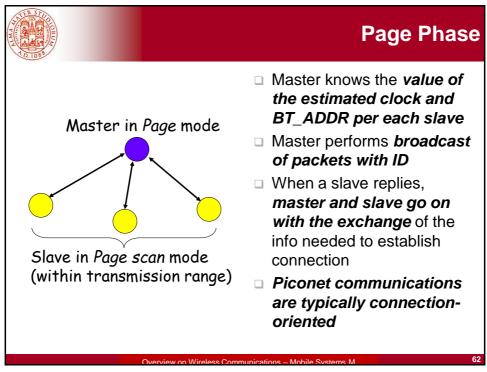


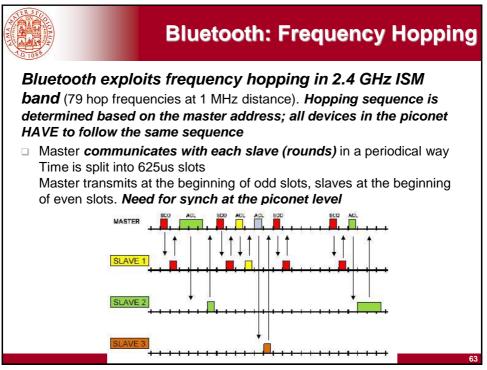


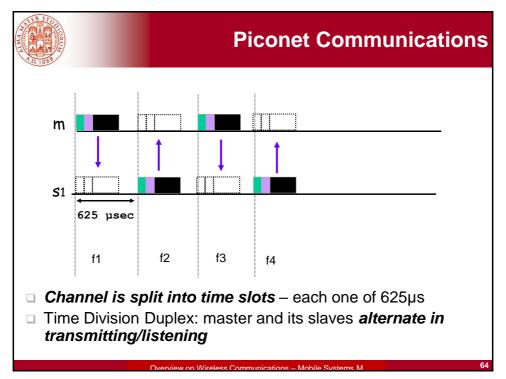


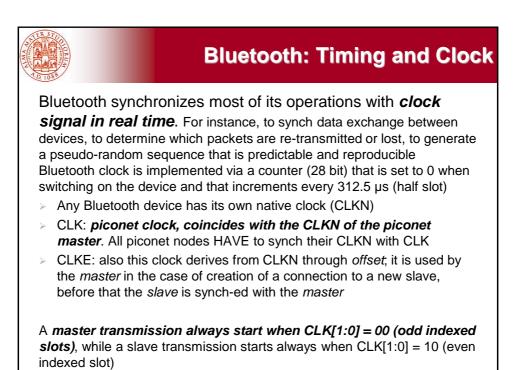


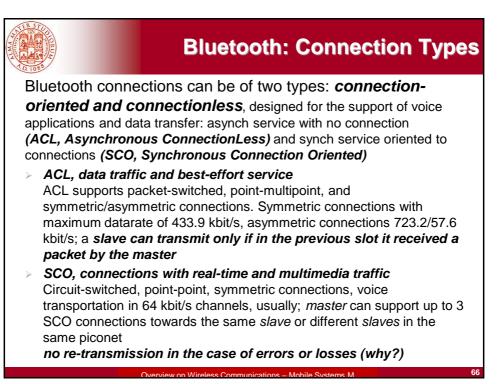


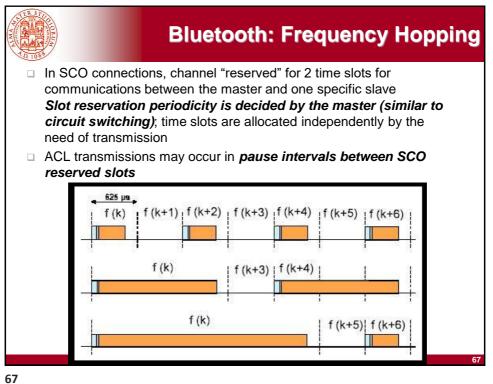




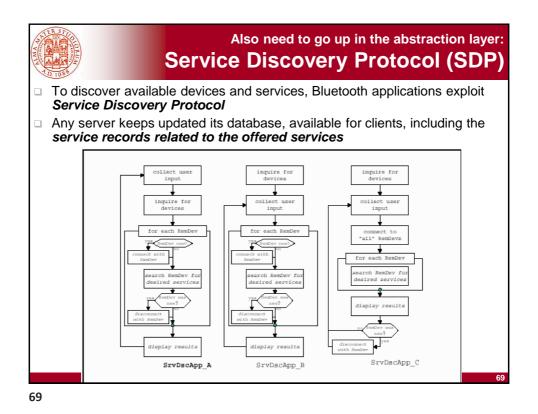








**Device States** States that allow realizing Master Slave the connection Inquiry Active Inquiry Scan Î Inquiry Response Hold Page Standby Connection Page Scan Park Ť Slave Response Master States with low Response Sniff consumption They permit to extend the number of devices present Connection Connection in a piconet 68



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