

Cisco Cooperative Project

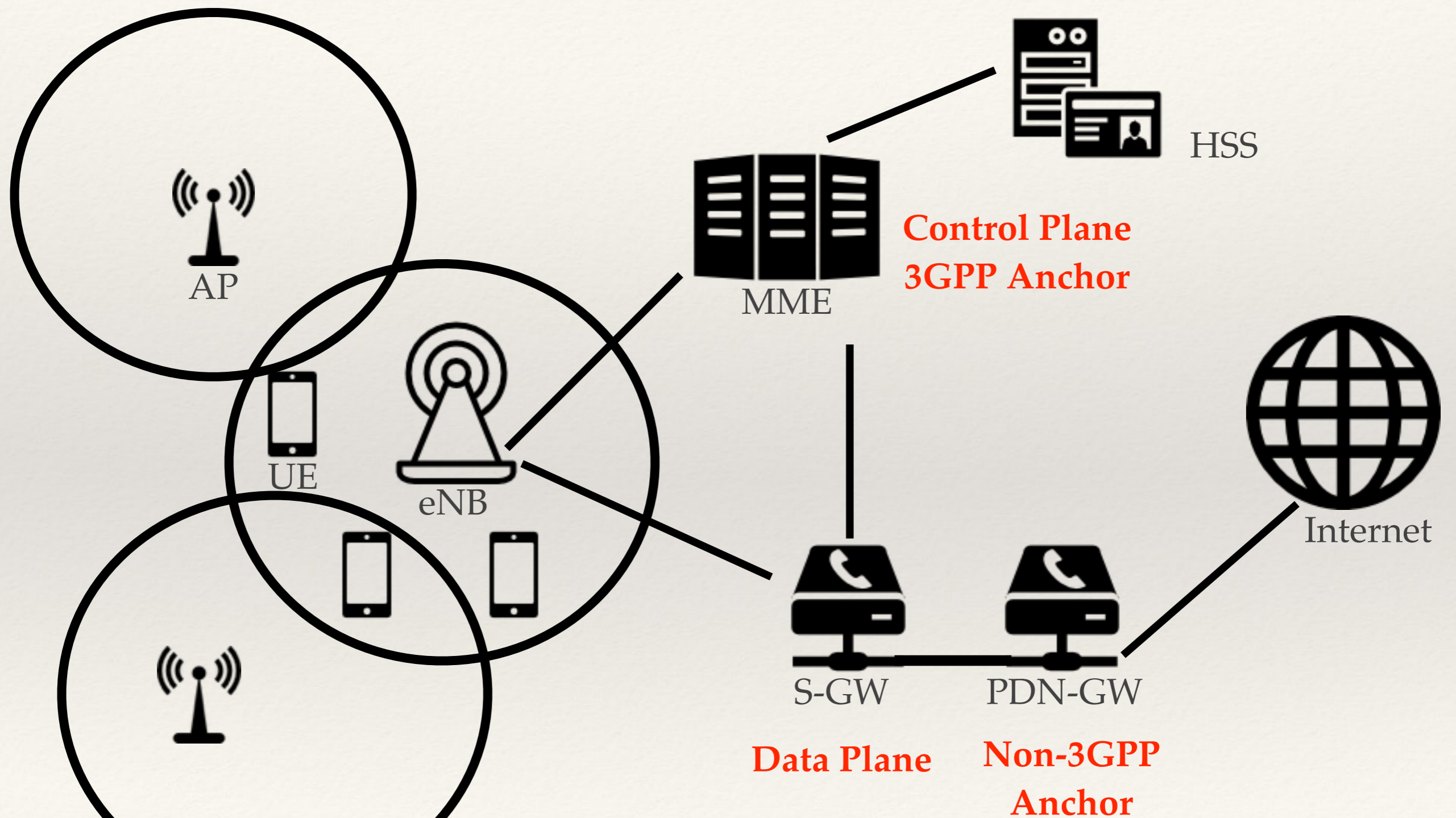
20141028 Progress Report

Lecturer: Steve Chiou

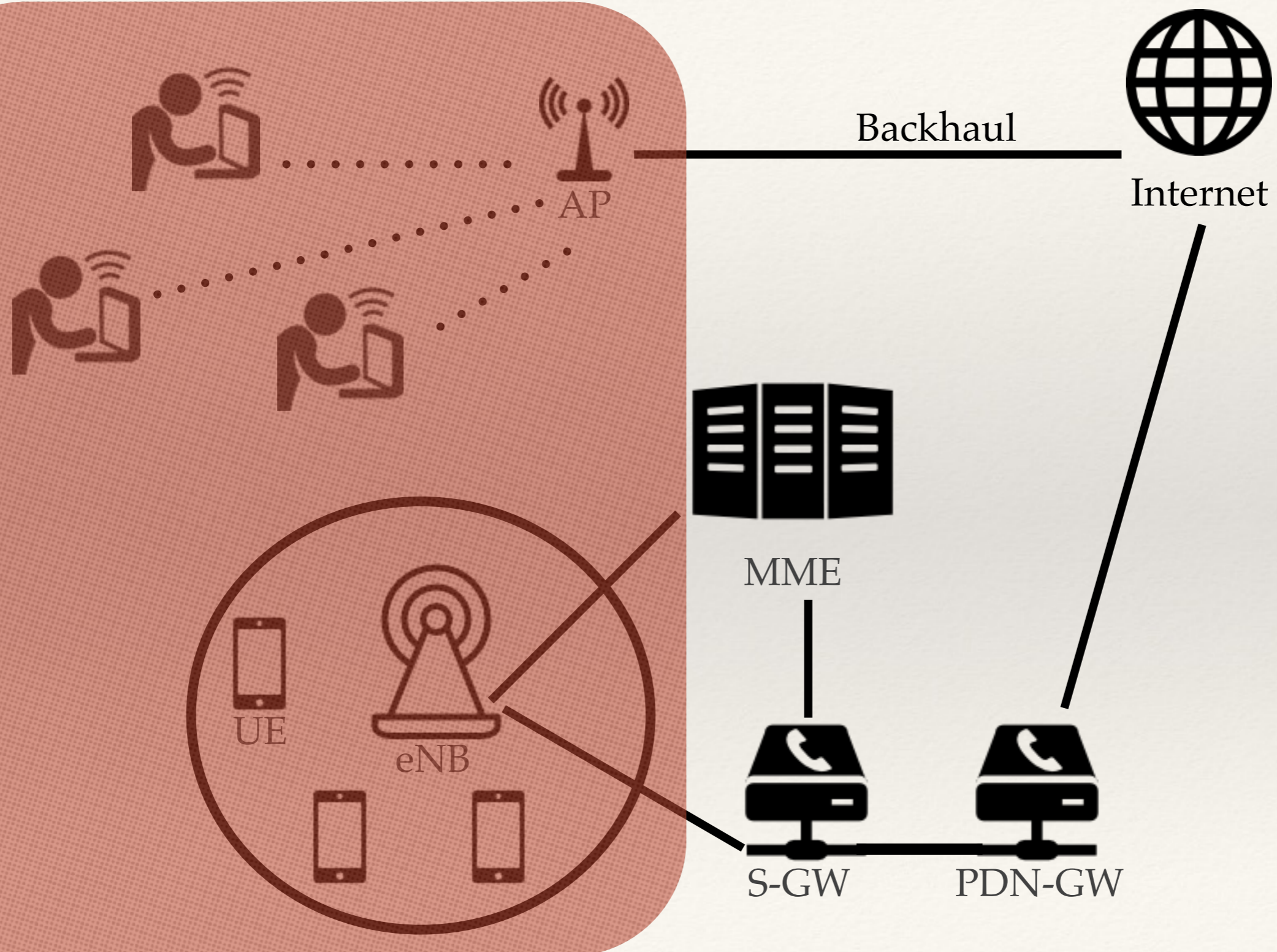
Advisors: Leonard J. Cimini Jr.

Chien-Chung Shen

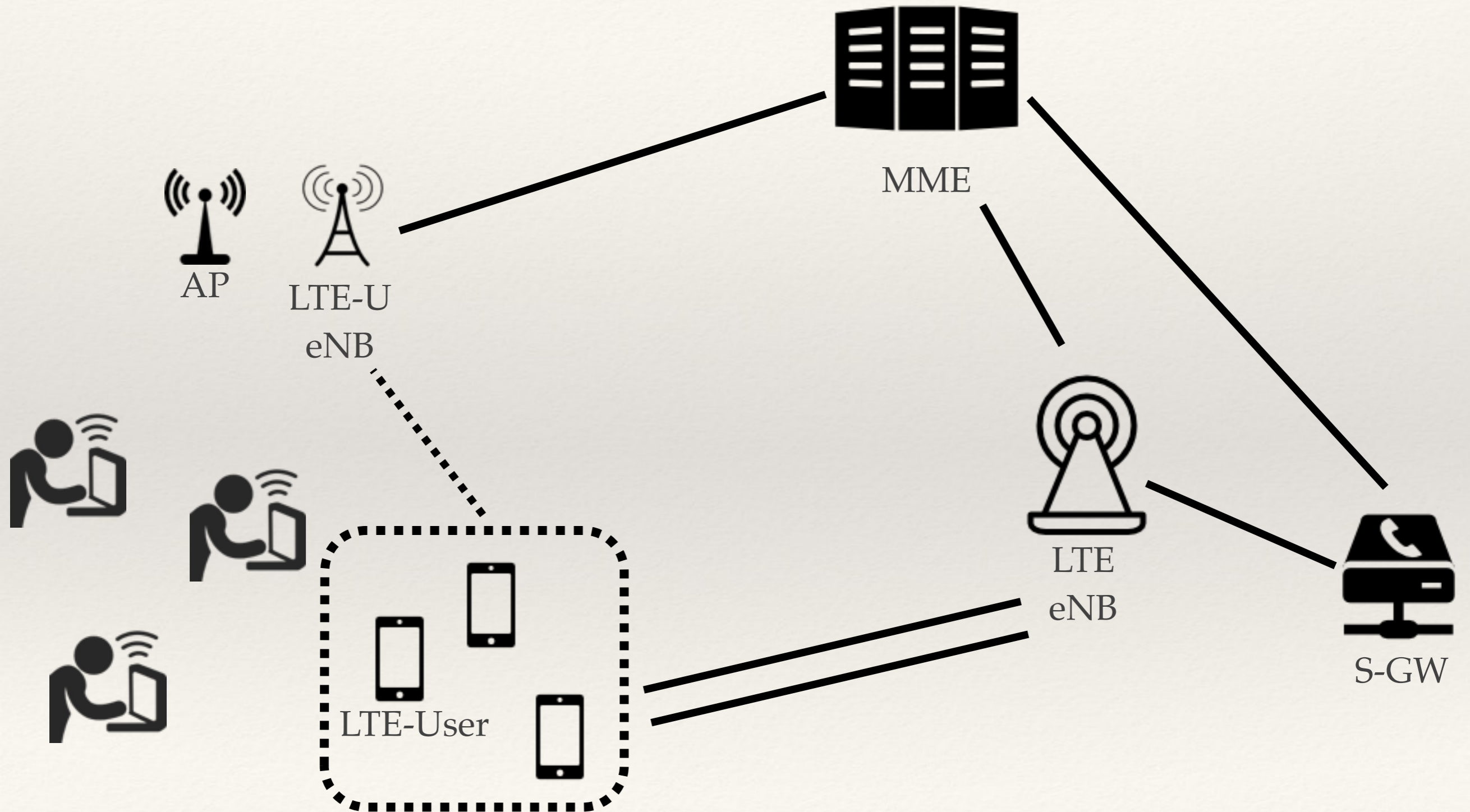
Wi-Fi/LTE-U Scenario



Possible Scenario



Possible Scenario



Spectrum Division between LTE-U/Wi-Fi over Time

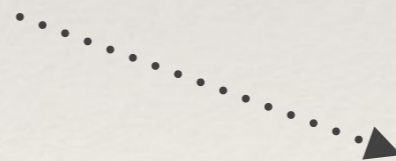
20MHz
in
5.8GHz
band



Wi-Fi
Frame



LTE-U
Frame

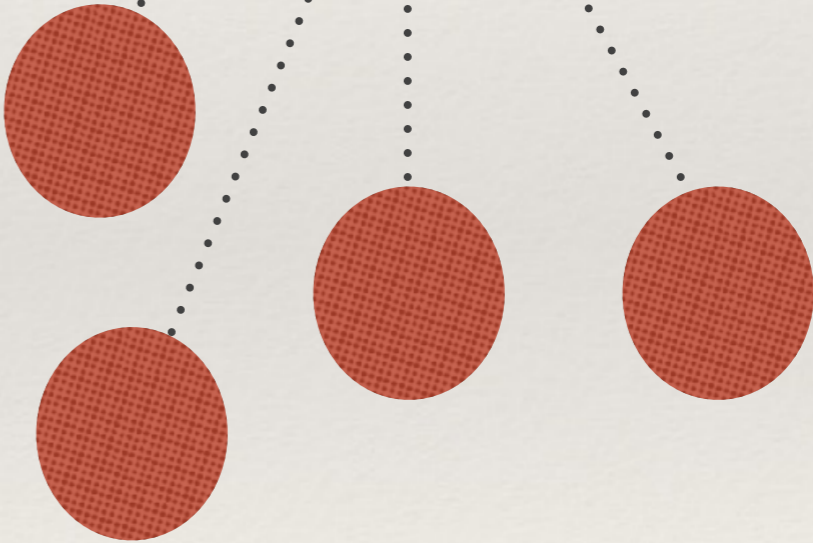
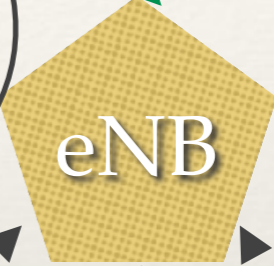
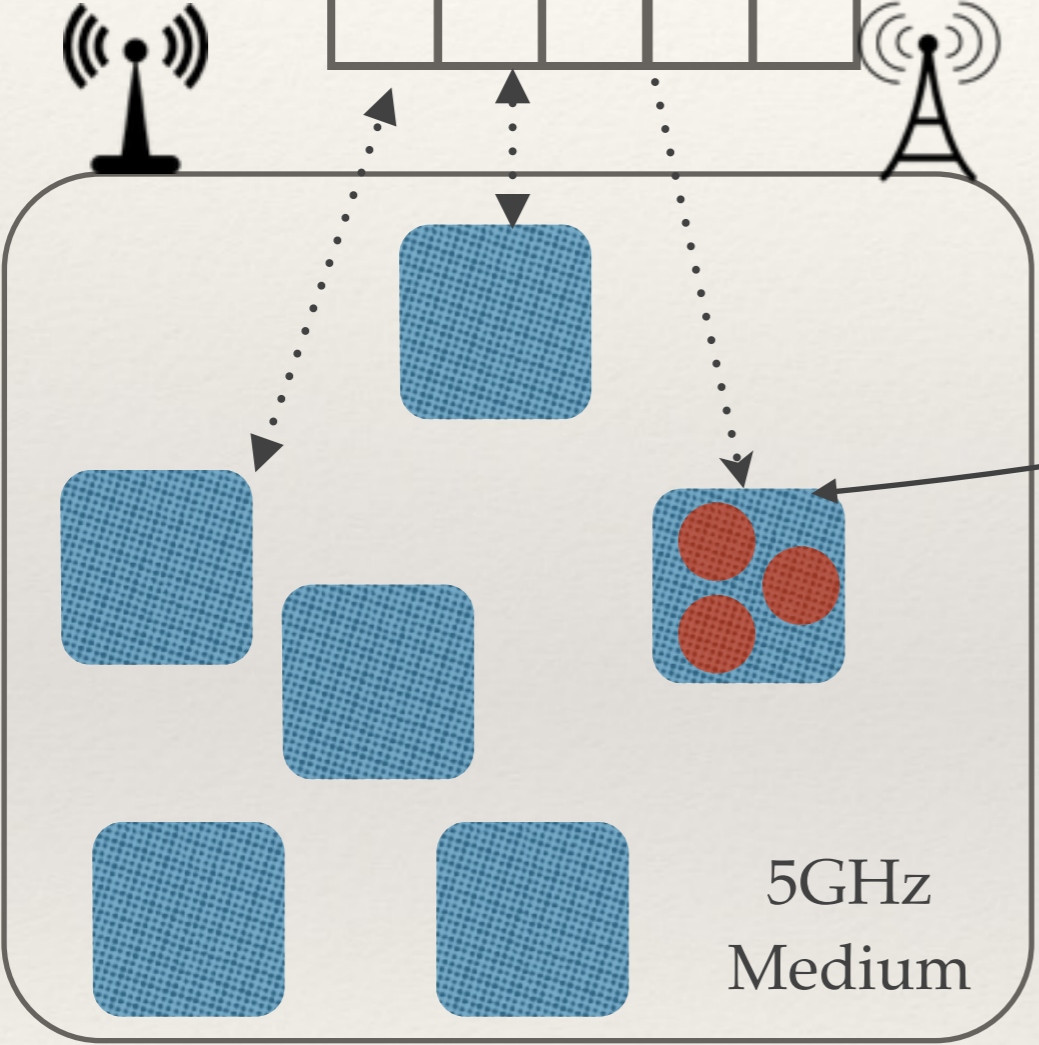


LTE-U/Wi-Fi Coexistence

LTE Networks



20MHz in
5.8GHz band



Wi-Fi Node



LTE Node

