EPL606 – Fall 2021

Tentative Semester Project Topics

1) Smart City / IoT Implementation

2) Improving the EEE 802.15.4e MAC protocol

3) The IEEE802.15.4e TSCH mode and the 6TiSch protocol stack.

4) Social Networks, population models networks and structural models networks

5) Implementation of D2D communication.

6) IoT Security-Fault Diagnosis

7) IPv6-based security in Low Power Devices

8) Adaptive Video Transmission over Mobile Wireless Networks

9) Jamming Detection for Wireless Sensor Networks

10) Topology Control in Wireless Sensor Networks

11) QoS adaptation in wireless mobile networks

12) Nano-scale Networking Issues and Current Solutions

13) Providing Security in Electromagnetic Nano-communications