

EPL606 – Fall 2017

Suggested Semester Project Topics

- 1) Cooperation between WiFi Hotspots
- 2) Smart City / IoT Implementation
- 3) Nano-scale Networking Issues and Current Solutions
- 4) Improving the ZigBee/IEEE 802.15.4 MAC protocol
- 5) Social Networks, population models networks and structural models networks
- 6) IoT Security-Fault Diagnosis
- 7) IPv6-based security in Low Power Devices
- 8) Network Virtualization for Mobile Networks
- 9) Adaptive Video Transmission over Mobile Wireless Networks
- 10) Jamming Detection for Wireless Sensor Networks
- 11) Topology Control in Wireless Sensor Networks
- 12) QoS adaptation in wireless mobile networks
- 13) Call Admission Control in Heterogeneous Networks using Game Theory techniques
- 14) Intrusion Detection System based on the Human Immune System
- 15) Detecting Forest Fires using Wireless Sensor Networks
- 16) Energy Efficient Data Management in WSNs
- 17) Mobility for Topology Control in Wireless Sensor Networks

- 18) Securing Cognitive Radio MAC Protocols
- 19) Providing Security in Electromagnetic Nano-communications