

EPL606 – Spring 2024
Tentative Semester Project Topics

- 1) Smart City / IoT Implementation
- 2) Improving the IEEE 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) IoT Security-Fault Diagnosis
- 6) Quantum Communication – how to
- 7) Providing Security in Electromagnetic Nano-communications
- 8) Energy Efficient multi path routing algorithm
- 9) Understanding and Experimenting with MATTER and THREAD
- 10) Network slicing for 5G Services, use of Fogify and 5glicer simulators
- 11) Machine Learning for (Cellular) Network Traffic Prediction
- 12) Image-based network analysis for cyber attacks