

**EPL606 – Fall 2024**  
**Indicative Semester Project Topics**

- 1) IoT Implementation
- 2) IoT Security-Fault Diagnosis
- 3) Quantum Communication – how to
- 4) Energy Efficient multi path routing algorithm
- 5) Understanding and Experimenting with MATTER and THREAD
- 6) Setting up an IoT smart apartment
- 7) Network slicing for 5G Services, use of Fogify and 5glicer simulators
- 8) Machine Learning for (Cellular) Network Traffic Prediction
- 9) Image-based network analysis for cyber attacks