

Internet of Things, Services and Applications



Présentation

Description

Goal : To provide the key concepts in terms of network planning and interoperability for service provision in the Internet context.

List of subjects to be presented to the students :

- # Principles of radio communications
- # Cellular networks and the path towards 6G
- # Some standardization activity: IEEE 802.15.4, LoRaWAN, NBloT
- # Services technologies: Access (HTTP, MQTT, etc.) and federation, etc.
- # IoT supporting mobility
 - Vehicular Communications (V2V, V2X)
 - Cooperative Intelligent Transport Systems
 - Autonomous Mobility
 - Mobility as-a-Service