

# Internet of Things, Services and Applications



## Présentation

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### 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