Internet of Things, Services and Applications

ECTS
4 crédits

Composante
INSA Hauts-de-France, UPHF

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, NBIoT
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

Informations non contractuelles.
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