**Title: IoT services in Telecommunications: Best practices to ensure delivery of QoS and QoE**

**Abstract:**

Since the emergence and rapid growth of IoT’s since 2008, adaptation of the current network infrastructure has been lagging slightly behind as compared to the IoT growth rate. It is necessary to define service models, which can categorize IoT applications and determine the Quality of Service (QoS) factors necessary to satisfy the requirements of those services. On the other hand, as Wireless Sensor Networks (WSN) constitutes a main component of the IoT, they become a key factor concerning QoS provision.

In this perspective, we ought to focus our approcach on the integration of IoTs on the possible WSNs approaches while providing QoS .We need to determine which best practices to adopt. Furthermore, regarding QoS requirements, we also define service models for the IoT and expose their feasibility through a categorization of IoT applications with the Service Providers.

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