New testing paradigm for 5G –IoT ecosystem

Presentation Abstract

Unlike its technology predecessors, which emerged from technology evolution needs, 5G emerged from economic and political needs as well. Therefore, 5G expands from connecting people to connecting things, creating the premises of a 5G-IoT ecosystem which will support a large number of use cases with a large variety of requirements. The ecosystem will offer new services over new connected devices and industries using energy, spectrum and cost efficient access networks optimized towards a new defined quality of services and quality of experience. The presentation discusses aspects of quality within 5G –IoT context, provides a view on how IoT changes the QoE concept and concludes with some foreseen primary 5G test uses cases and the requirements for the tools to perform these tests.