

QoS and QoE in 5G networks - Evolving applications and measurements

Abstract:

The deployment of 5G will make new applications and use cases available for mobile users. Existing applications will be used further, but evolved and arising new services will become much more interactive and real-time, they will form new experiences and increase the expectation on mobile services dramatically. Underlying techniques as VR or AR will be used in many individual highly adaptive applications, having an own focus, use case and expectation on performance and they will lead to individual QoE approaches and models. Today, performance analysis and QoE is focused on humans using a smartphone, along with 5G new user classes as automotive and industry, in public and private networks, are using mobile infrastructure too and they will have different requirements to it. It will be discussed, what users can expect and how measurement approaches will evolve to reflect the performance for the individual user classes and use cases.