Title: From IMT-2020 to Network-2030

Abstract:

The most important features of IMT-2020 networks are the Super High Dense and Ultra low Latency. The D2D communication is the effective technology for super high dense networks. The D2D communications in the super high dense conditions establish a D2D network. In determining the interference, traffic that is generated in super dense networks in the route sections must be taken into account. The route of the shortest length can no longer be considered optimal. The development of new protocols for super dense networks using technologies D2D is required.

The network will be decentralized together with implementation of technologies with ultra low latency. This will be the basis for the subsequent implementation of the Network-2030. There will be many new communications in the networks of 2030, including communications Human-to-Avatar (H2A), Avatar-to-Human (A2H), Avatar-to-Avatar (A2A).

It is necessary to take into account in the investigation on networks 2030 the potential of traffic generated by nano networks.