

Presentation Topic: 3G technical evolution - a broadband solution

Abstract:

The presentation provides details of 3G technology evolution as a mobile Wireless Broadband Access solution. Details of the 3GPP roadmap and key benefits on each individual 3GPP releases (HSPA, HSPA+ R7, R8 and LTE) will be addressed. The presentation will show how HSPA+ further improves the voice and data capacity of earlier 3GPP releases and is well positioned as a mobile Wireless Broadband Access technology. Views on LTE positioning and performance relative to 3G will also be shared.

With all air interfaces are going to approach the theoretical limit, it is believed the next significant performance leap will come from leveraging topology by bringing the transmitters closer to the user. The goals on how to develop the advanced topology networks, optimized performance of mixed networks with macro, picos and femto cells will also be discussed.