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Special Lecture
on
OFDMA in 3GPP LTE-A and IEEE 802.16m standards: Why, What and How

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Abstract:

Many will be aware that the 4G broadband wireless standards employ OFDMA as the access method. Earlier 3G standards employed CDMA. This talk addresses the question of why OFDMA has been chosen for 4G, and goes on to describe what it is, and how it is put to use in the LTE-A and 802.16m standards. The talk is at a system level, and deals primarily with concepts. Detailed knowledge of mobile communications, though useful, is not a prerequisite.

