

◆講演内容 (Abstract) :

This talk provides a comparative study of orthogonal and non-orthogonal multiple access approaches. It is demonstrated that non-orthogonal approaches have attractive power and throughput advantages over orthogonal ones in fading environments, and that such theoretical advantages can be realized in practice via interleave division multiple access (IDMA) and the related schemes. The potential applications of non-orthogonal multiple access in future 5th generation (5G) cellular communication system are discussed.