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# Communications systems A

## Finalità

Introduction to telecommunication systems

## Programma

Introduction to wireless networks. Propagation characteristics of wireless channel. Access methods (with fixed resource assignment and random access). Personal area networks (PANs). Evolution of cellular systems from 2G to 4G. Detailed analysis of UMTS, WiFi and WiMAX systems.

## Modalità d'esame

Written and project.

## Propedeuticità

Comunicazioni Elettriche.

## Testi consigliati

Material provided by the teacher.