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Next Generation Mobile Networks and Ubiquitous Computing

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Next Generation Mobile Networks and Ubiquitous Computing



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The world is becoming more dependent on wireless and mobile services, but the ability of wireless network infrastructures and service-enabling technologies to handle the growing demand is questionable. As wireless and mobile services grow, the need increases for new technological solutions.

Next Generation Mobile Networks and Ubiquitous Computing provides a comprehensive and unified view of the latest and most innovative research findings for university professors, researchers, students, and industry professionals alike. Presenting chapters by experts from across the globe, this reference offers a single body of knowledge to show the many existing interactions between mobile networking, wireless communications, and ubiquitous computing.

Topics Covered:

- Ambient networks
- Wireless sensor networks
- Wireless ad-hoc networks
- Web service composition
- Network intrusion detection
- Multimedia transmission over wireless networks

- Mobile telecommunication networks
- Real-time communication
- Ubiguitous computing
- · Context-aware computing

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