

Radio Resource Management for Wireless Internet

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There will be a strong market for a rich variety of wireless internet-based multimedia devices in the not-too-distant future. It is quite difficult to predict the nature of these devices as well as corresponding applications from today; but it is certain that those devices and applications will have very different QoS, rate, delay, and power constraints.

In addition, flexible systems that can accommodate multiple air interfaces are envisaged as well. Arguably, effective radio resource management is not only essential in such future networks, but it is **THE** key element in feasible and affordable deployment and operation of these networks.

This Special Issue will cover the current advances in the field of radio resource management. In addition to previously unpublished research articles, visionary and perspective articles are welcomed as well. The topics covered include, but are not limited to:

- Radio resource management (including: OFDMA; W-CDMA; 3G; 4G; Broadband; Software Radio)
- Call admission control
- Scheduling
- Power control and allocation
- Adaptive modulation and error control coding
- Dynamic channel allocation
- Bandwidth reservation
- Wireless-wireline interaction
- Code management in W-CDMA
- Network-assisted resource management
- QoS-driven resource management

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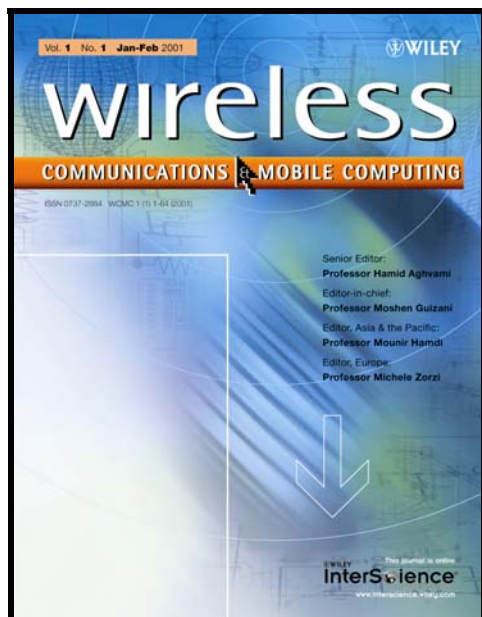
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