

IEEE Wireless Communications Letters Home



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Publishes timely, novel and high-quality recent results on Wireless Communications in letter format. *Wireless Communications Letters* have a 4-page limit. The journal's goal is rapid dissemination of original, cutting-edge ideas and timely, significant contributions in the theory and applications of wireless communications. Currently, the accepted papers for WCL are available via early access in IEEE Xplore within about eight weeks from submission to epublication (online).

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IEEE Wireless Communications Letters will be eligible for [Heinrich Hertz Award](#) – Nominations will be solicited in January 2013.

***IEEE Wireless Communications Letters* topics include but are not limited to the following:**

- Broadband wireless communications
- Communications theory
- Modulation and coding
- Detection and estimation
- Diversity techniques and equalization
- Propagation and channel characterization
- Fading countermeasures

Multiuser detection
Signal separation and interference rejection
Multimedia communications over wireless
DSP applications to wireless systems
Network architectures and protocols
Adaptive antennas for wireless systems
Multiple access techniques
Cognitive radio
MIMO system
Space-time signal processing
Synchronization techniques
Location estimation
Software radio
Location tracking
Resource allocation and interference management
Multirate and multicarrier communications
Security, privacy, and authentication
Experimental and prototype results
Systems and services (e.g., Mobile satellites, WLANs)
Wireless sensor networks
Cross-layer design, optimization and operation
Ad hoc wireless networks
TCP/IP protocol
Ultra-wideband communications
OFDM



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