

EURASIP Journal on Wireless Communications and Networking

Special Issue on
Advances in 4G Wireless and Beyond

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The vision of 4G cellular systems lies in providing a comprehensive all-IP based solution where facilities like voice, data and streamed multimedia to users on an “anytime, anywhere” basis and at much higher data rates and spectral efficiency when compared to previous generations (like 3G wireless). Rapid advances in OFDMA technologies, proliferation of M-WiMAX and LTE systems, ratifications of IMT-advanced standards and introduction of feature-rich smart terminals has contributed significantly towards the eventual realization of this vision.

The papers in this issue will focus on state-of-the-art research on different aspects of advances in 4G wireless systems and beyond. We solicit papers covering a variety of topics including but not limited to the following topics:

- ▶ Mobility and handover across macro and femtocells
- ▶ QoS in LTE / WiMAX wireless systems
- ▶ Voice over LTE / LTE-Advanced systems
- ▶ Multicast and Broadcast Services in WiMAX / LTE
- ▶ Crosslayer design and optimization features
- ▶ 4G networks for Location-based and emergency services
- ▶ Self Organizing and Self Healing 4G systems
- ▶ Cognitive, Cooperative and Opportunistic 4G Technology

Submission Schedule

- ▶ **Manuscript due:**
July 2012
- ▶ **First round of reviews:**
October 2012
- ▶ **Publication date:**
January 2013

Submission Instructions:

Before submission authors should carefully read over the Instructions for Authors, which are located at jwcn.eurasip-journals.com/authors/instructions. Prospective authors should submit an electronic copy of their complete manuscript through the SpringerOpen submission system at jwcn.eurasipjournals.com/manuscript according to the submission schedule. They should choose the correct Special Issue in the "sections" box upon submitting. In addition, they should specify the manuscript as a submission to the "Special Issue on Advances in 4G Wireless and Beyond" in the cover letter. All submissions will undergo initial screening by the Guest Editors for fit to the theme of the Special Issue and prospects for successfully negotiating the review process.

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