

A Message from the New Editor-in-Chief

It is a great honor and huge responsibility to serve as the new Editor-in-Chief of *IEEE Transactions on Wireless Communications (TWireless)*. Since its inception in 2002, *TWireless* has undergone phenomenal growth, both in terms of size and prestige. It has become one of the most prestigious journals in the communications area. It received 576 submissions in 2002 when the journal published its first volume. The submission number grew to 1626 manuscripts in 2008 and reached 1827 manuscripts as of December 18, 2009. Its current acceptance rate is below 30%, and its current citation index (or impact factor, which is an important measure in the ranking of journals) is 2.18, which is higher than nearly all other journals that publish papers in the communications area. These significant achievements are due to the dedicated services of editors and area editors, the outstanding leadership of the outgoing Editor-in-Chief, Professor Vijay Bhargava, and the founding Editor-in-Chief, Professor Khaled Ben Letaief. Both Vijay and Khaled have been instrumental in assembling the able editorial board and ensuring the journal is well managed while the *Transactions* more than tripled in size over the past eight years.

Although *TWireless* is doing very well, it is facing new challenges along with opportunities for further growth and improvement. I have set three tasks for my term. The first task is to further enhance the quality of the journal by being more selective in accepting manuscripts for publication. We welcome high-quality submissions in the wireless area, but we will definitely reject marginal and/or low quality manuscripts. We will also closely look at the scope of the received manuscripts. The second task is to improve the quality of the decision process across the entire *TWireless* editorial board. As the second largest IEEE transactions, *TWireless* has a large number of editors, which naturally results in some variations when editors make their editorial decisions on manuscripts. I will work closely with the current eight Area Editors to minimize the variations and therefore further improve the reputation of *TWireless*. The third task is to implement a fast-track procedure for rejecting weak papers, which are almost certain not able to pass a rigorous review process. This procedure will be beneficial to both the authors and the reviewers because the authors of weak papers will not need to wait through a long review process to know their negative results, and the reviewers will be less loaded with weak papers.

TWireless is also well known for having a fast review cycle



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and a short time to the first editorial decision on a submitted manuscript. We will do our best to continue this record as we endeavor to become even more selective with accepting manuscripts for publication. Moreover, our new Publication Editor, Professor Ross Murch, will also make sure that the publication process is efficient and well managed after a manuscript is accepted for publication.

To achieve the aforementioned tasks, I will certainly need the support of authors, readers, reviewers, editors, area editors, the publication editor, and the Steering Committee for the journal. Thank you for your support in advance.

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Chengshan Xiao (M'99-SM'02-F'10) received the B.S. degree in electronic engineering from the University of Electronic Science and Technology of China, Chengdu, China, in 1987, the M.S. degree in electronic engineering from Tsinghua University, Beijing, China, in 1989, and the Ph.D. degree in electrical engineering from the University of Sydney, Sydney, Australia, in 1997.

From 1989 to 1993, he was with the Department of Electronic Engineering, Tsinghua University, where he was on the Research Staff and then later promoted to a Lecturer. From 1997 to 1999, he was a Senior Member of Scientific Staff with Nortel, Ottawa, ON, Canada. From 1999 to 2000, he was a Faculty Member with the University of Alberta, Edmonton, AB, Canada. From 2000 to 2007, he was with the University of Missouri, Columbia, where he was an Assistant Professor and then an Associate Professor. He is currently an Associate Professor with the Department of Electrical and Computer Engineering, Missouri University of Science and Technology, Rolla (formerly University of Missouri, Rolla). His algorithms have been implemented into Nortel's base station radios after successful technical field trials and network integration. He is the holder of three U.S. patents. His research interests include wireless communications, signal processing, and underwater acoustic communications.

Dr. Xiao is the Editor-in-Chief of the IEEE TRANSACTION ON WIRELESS COMMUNICATIONS. He served as the founding Area Editor for Transmission Technology of the IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS. He has previously been an Associate Editor of the IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY, the IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS-I, and the INTERNATIONAL JOURNAL OF MULTIDIMENSIONAL SYSTEMS AND SIGNAL PROCESSING. He is the Lead Technical Program Co-chair of the 2010 IEEE International Conference on Communications (ICC). Previously, he was the Lead Co-chair of the 2008 IEEE ICC Wireless Communications Symposium, and a Phy/MAC Program Co-chair of the 2007 IEEE Wireless Communications and Networking Conference. He served as the founding Chair of the IEEE Technical Committee on Wireless Communications, and the Vice-Chair of the IEEE Technical Committee on Personal Communications. He is a Fellow of the IEEE.