Editorial
The TRANSACTIONS in Transition

It is my great honor to take the responsibilities as the new Editor-in-Chief of the IEEE TRANSACTIONS ON CYBERNETICS. As a flagship journal of IEEE Systems, Man, and Cybernetics Society since its inception in 1960, the TRANSACTIONS and its predecessor has become a leading journal and source of technical knowledge on cybernetics with increasingly high impact, prestige, and popularity. Statistical data show that the impact factor of the TRANSACTIONS rose to 3.236 and annual submissions to over 1300 in 2013.

The past success of the TRANSACTIONS resulted from many factors. One of important factors is that the TRANSACTIONS was strongly supported by its society sponsor with its capable leaderships over the last five decades. An important credit should be given to the past Editors-in-Chief; in particular, the immediate past one, Prof. Eugene Santos, Jr., who led us to have brought the TRANSACTIONS to a new height over the last six years. Thanks also should go to the members of the editorial board with about 90 associate editors who were paper quality controllers working hard with thousands of reviewers to maintain the technical quality of the publications. Last, but not least, we should be grateful to the authors and readers of the TRANSACTIONS. The success of the TRANSACTIONS would be impossible without all their contributions.

As a technical journal, the quality of published papers is of paramount importance. Cybernetics became a technical term after it was coined by Norbert Wiener in 1948, and served as a parental field of several branches of sciences on communication, control, and computation over the last 66 years. To sustain and prosper, it needs to keep evolving and reviving, and the TRANSACTIONS could serve as a breeding bed for a renaissance of cybernetics. To explore new dimensions of cybernetics, the TRANSACTIONS will publish high-quality papers of novel topics in newly emerging research areas as well as those in normal cybernetics areas. To attract high-quality contributions, the TRANSACTIONS will maintain its fair and impartial review processes with short review periods, for the best interest of our authors. In addition, to ensure high-quality publications, the TRANSACTIONS ought to keep its rigorous peer-review procedure, for the best interest of our technical community as a whole.

Looking forward, it will be challenging to maintain the high standards set by my predecessors. I will work hard and closely with the editorial board, technical reviewers, contributing authors, society committees, and IEEE staff to ensure the continued success and prosperity of the TRANSACTIONS.

JUN WANG, *Editor-in-Chief*
Department of Mechanical and Automation Engineering
Chinese University of Hong Kong,
Shatin, Hong Kong
(e-mail: ieee-tcyb@mae.cuhk.edu.hk)

Jun Wang (S'89–M'90–SM'93–F'07) received the B.S. degree in electrical engineering and the M.S. degree in systems engineering from the Dalian University of Technology, Dalian, China, and the Ph.D. degree in systems engineering from Case Western Reserve University, Cleveland, OH, USA.

He is currently a Professor with the Department of Mechanical and Automation Engineering, Chinese University of Hong Kong, Shatin, Hong Kong. Prior to this, he held various academic positions with the Dalian University of Technology, Case Western Reserve University, and University of North Dakota. He also held various short-term visiting positions with USAF Armstrong Laboratory in 1995, RIKEN Brain Science Institute in 2001, Universite Catholique de Louvain in 2001, Chinese Academy of Sciences in 2002, Huazhong University of Science and Technology from 2006 to 2007, and Shanghai Jiao Tong University from 2008 to 2011, as a Changjiang Chair Professor. Since 2011, he has been a National Thousand-Talent Chair Professor with the Dalian University of Technology, Dalian, China, on a part-time basis. His current research interests include neural networks and their applications. He has published 170 journal papers, 13 book chapters, ten edited books, and numerous conference papers in these areas.

Dr. Wang is the Editor-in-Chief of the IEEE TRANSACTIONS ON CYBERNETICS and was an Associate Editor of the journal and its predecessor for 11 years, from 2003 to 2013. He is also a member of the Editorial Board of the *Neural Networks* from 2011 to 2014. He also served as an Associate Editor of the IEEE TRANSACTIONS ON NEURAL NETWORKS from 1999 to 2009 and the IEEE TRANSACTIONS ON SYSTEMS, MAN, AND CYBERNETICS, PART C, from 2002 to 2005, as an Editorial Advisory Board Member of *International Journal of Neural Systems* from 2006 to 2013, as a Guest Editor of special issues of the *European Journal of Operational Research* in 1996, the *International Journal of Neural Systems* in 2007, *Neurocomputing* in 2008 and 2014, and the *International Journal of Fuzzy Systems* in 2010 and 2011. He was an Organizer of several international conferences such as the General Chair of the 13th International Conference on Neural Information Processing 2006 and the 2008 IEEE World Congress on Computational Intelligence, and a Program Chair of 2012 IEEE International Conference on Systems, Man and Cybernetics. He has been an IEEE Computational Intelligence Society Distinguished Lecturer from 2010 to 2012 and from 2014 to 2016, and has served in many standing/technical committees such as the Board of Governors of the IEEE Systems, Man, and Cybernetics Society, the Presidency of Asia Pacific Neural Network Assembly (APNNA), IEEE Fellow Committee, and the Fellow and Awards Committees of IEEE Computational Intelligence Society. He is a fellow of the International Association for Pattern Recognition. He was a recipient of the Outstanding Achievement Award from APNNA in 2011, and the IEEE TRANSACTIONS ON NEURAL NETWORKS Outstanding Paper Award in 2011, and the Neural Networks Pioneer Award from the IEEE Computational Intelligence Society in 2014, among other distinctions.