EIC Editorial: Introducing the New Editor-in-Chief and Four New Associate Editors

Xindong Wu

I have completed my second term as Editor-in-Chief of the *IEEE Transactions on Knowledge and Data Engineering* (*TKDE*). Starting in January 2009, Professor Beng Chin Ooi will be the sixth Editor-in-Chief of *TKDE*.

Beng Chin served as a *TKDE* Associate Editor between November 2003 and November 2007. As an established practice of the IEEE Computer Society, the Editor-in-Chief position went through a worldwide search in 2008, the search committee (chaired by Professor Elisa Bertino from Purdue University) identified two top candidates from an excellent applicant pool, and the IEEE Computer Society President appointed Beng Chin from these two top candidates. This is the first time in *TKDE* history that we have an Editor-in-Chief from outside North America. Beng Chin's academic and leadership experience in Singapore and Australia, as well as his research expertise, will bring the transactions to a new era of recognition in knowledge and data engineering. His biography and photo appear on the next page.

Along with the new Editor-in-Chief, the following four new Associate Editors have also joined the *TKDE* Editorial Board:

- Dr. Martin Ester, Simon Fraser University, Canada,
- Professor Vipin Kumar, University of Minnesota, USA,
- Dr. Dacheng Tao, Hong Kong Polytechnic University, China, and
- Dr. Xingquan Zhu, Florida Atlantic University, USA.

Their biographies and photos are given below.

Meanwhile, the following Associate Editors have completed their two terms,

- Dimitrios Gunopulos,
- Hillol Kargupta, and
- Jeffrey Xu Yu.

Also, Venky Ganti and Anthony Tomasic have stepped down from the *TKDE* Editorial Board.

I would like to thank all of these retiring Associate Editors for their excellent service to *TKDE* and for helping us with all of the manuscripts they have handled. *TKDE* is truly appreciative of their efforts.

I would also like to take this opportunity to thank all of our Editorial Board members, reviewers, authors, and readers, for their continued support. My deep appreciation goes to the IEEE Computer Society Publications Office, and Mari Padilla (the *TKDE* Publications Coordinator) in particular, for their hard work in running the day-to-day activities of the transactions. I wish the *TKDE* journal, its Editorial Board, and especially Professor Beng Chin Ooi the best of success.

Xindong Wu
Outgoing Editor-in-Chief

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Beng Chin Ooi is a professor of computer science and Dean of the School of Computing at the National University of Singapore (NUS). He received the BSc (1st Class Honors) and PhD degrees from Monash University, Australia, in 1985 and 1989, respectively. His research interests include database performance issues, indexing techniques, multimedia and spatio-temporal databases, P2P systems, advanced applications, and configurable data centric networking. He has served as a Vice PC Chair for ICDE '00, '04, '06, a co-PC Chair for SSD '93 and DASFAA '05, and PC Chair for ACM SIGMOD '07 and VLDB '08 Core DB Technology track. He is a trustee board member of VLDB Endowment.

Martin Ester received the PhD degree in computer science from the Swiss Federal Institute of Technology (ETH Zurich) in 1989 with a thesis on knowledge-based systems and logic programming. From 1989 to 1993, he worked as a senior and advisory systems engineer for Swissair, exploring the potential of knowledge-based systems and developing expert systems for the cargo, marketing, and engineering departments of the Swiss airline. In 1993, he joined the University of Munich as an assistant professor and cofounded their Data Mining lab. He joined the School of Computing Science at Simon Fraser University as an associate professor in 2001 and became a full professor in 2008. Dr. Ester has published extensively in the top conferences and journals of his field such as ACM SIGKDD, VLDB, IEEE ICDM, IEEE ICDE, *Data Mining and Knowledge Discovery*, and *ACM TKDD*. In particular, he has published 15 papers at ACM SIGKDD, the leading conference in the field of data mining and knowledge discovery. His publications have been very well cited and his H-number is currently 27. His most well-known paper on density-based clustering has been cited more than 1,100 times. His current research interests include constrained clustering, subspace clustering, multirelational data mining, graph mining, social network analysis, analysis of biological networks, and information extraction and integration.

Vipin Kumar is currently William Norris Professor and Head of the Computer Science and Engineering Department at the University of Minnesota. His current research interests include data mining, bioinformatics, and high-performance computing. He has authored more than 200 research articles, and has coedited or coauthored nine books including widely used text books *Introduction to Parallel Computing* and *Introduction to Data Mining*. He is a founding co-editor-in-chief of the *Journal of Statistical Analysis and Data Mining* and editor-in-chief of the *IEEE Intelligent Informatics Bulletin*. He cofounded the SIAM International Conference on Data Mining, and serves on the steering committees of the IEEE International Conference on Bioinformatics and Biomedicine, the IEEE International Conference on Data Mining (ICDM), and the SIAM International Conference on Data Mining. He is a fellow of the ACM, the IEEE, and the AAAS, and recipient of the ICDM 2008 Outstanding Service Award and the 2005 IEEE Computer Society's Technical Achievement Award for contributions to the design and analysis of parallel algorithms, graph-partitioning, and data mining.

Dacheng Tao received the BEng degree from the University of Science and Technology of China (USTC), the MPhil degree from the Chinese University of Hong Kong (CUHK), and the PhD degree from the University of London (Lon). Currently, he is a Nanyang Assistant Professor in the School of Computer Engineering at the Nanyang Technological University, a visiting professor at Xi'Dian University, a guest professor at Wuhan University, and a visiting research fellow at Birkbeck in London. His research is mainly on applying statistics and mathematics for data analysis problems in data mining, computer vision, machine learning, multimedia, and visual surveillance. He has published more than 90 scientific papers in such journals and conferences as the *IEEE Transactions on Pattern Analysis and Machine Intelligence*, the *IEEE Transactions on Knowledge and Data Engineering*, TIP, TMM, TCSVT, TSMC, CVPR, ECCV, ICDM, ACM TKDD, Multimedia, KDD, etc., with one best paper runner-up award. Previously, he received several Meritorious Awards from the International Interdisciplinary Contest in Modeling, which is the highest level mathematical modeling contest in the world, organized by COMAP. He is an associate editor of *Neurocomputing* (Elsevier) and the official journal of the International Association for Statistical Computing—*Computational Statistics & Data Analysis* (Elsevier). He has authored/edited six books and eight special issues, including CVIU, PR, PRL, SP, and Neurocomputing. He has (co)chaired special sessions, invited sessions, workshops, and conferences. He has served on the committees of more than 50 major international conferences, including CVPR, ICCV, ECCV, ICDM, KDD, and Multimedia, and the editorial boards of more than 15 top international journals, including *TPAMI*, *TKDE*, *TOIS*, *TIP*, *TCSVT*, *TMM*, *TIFS*, *TSMC-B*, *Computer Vision and Image Understanding* (*CVIU*), and *Information Science*.

Xingquan Zhu received the PhD degree in computer science from Fudan University, Shanghai, China, in 2001. He is an assistant professor in the Department of Computer Science and Engineering, Florida Atlantic University, Boca Raton. From February 2001 to October 2002, he was a postdoctoral associate in the Department of Computer Science, Purdue University, West Lafayette, Indiana. From October 2002 to July 2006, he was a research assistant professor in the Department of Computer Science, University of Vermont, Burlington. His research interests include data mining, machine learning, multimedia systems, and information retrieval. He is on the editorial boards of the *Knowledge and Information Systems Journal* (since 2003), *Advances in Data Warehousing and Mining* (since 2007), and *World Scientific and Engineering Academy and Society: WSEAS Transactions on Signal Processing* (since 2005). He has served on the program committees of many international conferences, including SIGKDD and ICDM. He is also the founder and cochair of the ACM KDD Workshop on Mining Multiple Information Sources (MMIS) and the IEEE ICDM Workshop on Knowledge Discovery and Data Mining from Multimedia Data and Multimedia Applications (KDM). His work on aggressive classifier ensemble won the Best Paper Award at the IEEE International Conference on Tools with Artificial Intelligence (ICTAI '05). Since 2000, he has published more than 80 technical papers in refereed journals and conference proceedings.