Editor's Note:
Reviewer Appreciation Program

Ivan Stojmenovic

T HE IEEE Computer Society established the Reviewer Appreciation Program (RAP) at the end of 2012, to recognize Distinguished Reviewers. The key enabler for this program is the reviewer statistics, which are made available by S1M. I requested these statistics in 2010 for *IEEE Transactions on Parallel and Distributed Systems* (*TPDS*) and used them in making decisions on new *TPDS* editors (as one of factors) in 2011. The information finally became available (for all CS transactions) in a reasonable size (Excel) file during 2012, sortable by any column. Therefore, EICs are able to see a list of reviewers sorted by the number of submitted reviews for any time period. RAP intends to recognize our Distinguished Reviewers at the end of each year.

Editors were asked to nominate their top quality reviewers (which have no COI with them) for reviews made in 2012. Following six nominations by editors, three winners (Gilbert Hendry, Zubair Md. Fadlullah, and Ben Leong) were selected based on my own comparison (combined quality and number of reviews). Nominations from authors were also indirectly considered. During 2012, several emails praising reviewers were received. Among them, I selected one winner (Alexandros Gerbessiotis) who received an invitation to join as coauthor following his long report.

Since this is the first time RAP has been applied, it was appropriate to also recognize reviewer contributions in previous years. As a one time exercise to cover the period from the establishment of *TPDS* to 2012, the top 25 all-time Distinguished Reviewers were selected by the total number of completed reviews. This represents about 0.2% of all reviewers. Due to real time and resource constraints, the qualities of these reviews were not considered. Editors (former and current) of *TPDS* were also not considered.

The Outstanding Reviewer Service Award for the *TPDS* All-Time Most Prolific Reviewer is awarded to Yu-Kwong (Ricky) Kwok. He appears to be our star reviewer called by many editors, and was discovered only by this program (and was immediately invited to become a *TPDS* editor; please see his short biography). He made, by far, the most reviews (57; 44 as Yu-Kwong plus 13 as Ricky, which came as two separate entries in the file) made for *TPDS*. Other winners are Jelena Misic (37 reviews), Yu Wang (33), Yingshu Li (32), Jiangchuan Liu (32), Kui Ren (31), Chuan Wu (31), Weisong Shi (28), Haiying Shen (27), Nathalie Mitton (25), Govindarasu Manimaran (24), Song Jiang (23), Hongyi Wu (23), Tian He (22), Xue Liu (22), Henri Casanova (21), Bin Xiao (21), Hannes Frey (20), Mo Li (20), Hai Liu (20), Guoliang Xing (20), Wei Yu (20), Dror Feitelson (19), Stella Kafetzoglou (19), and Qun Li (19). Three of them are new *TPDS* editors and featured below.

TPDS editors invited an overall all-time record of 12,500 reviewers (and about 5,000 during 2012). About 7,000 reviewers returned at least one review. About 3,700 reviewers responded at least twice while, 2,100 reviewers completed at least three reviews. The distribution then is: 1,300 ($\geq$ 4), 850 ($\geq$ 5), 683 ($\geq$ 6), 538 ($\geq$ 7), 432 ($\geq$ 8), 353 ($\geq$ 9), 284 ($\geq$ 10), 238 (between 11 and 19 reviews), and 47 reviewers returned 20 or more reviews each (among them are many former and current *TPDS* editors).

It is my pleasure to introduce the following new Associate Editors: Jiming Chen, Jinjun Chen, Mooi-Choo Chuah, Hannes Frey, and Hai Jin joined the board in January 2013, while Ali R. Butt, Yu-Kwong (Ricky) Kwok, Xue Liu, and Hongyi Wu joined in February 2013. I would like to thank them for agreeing to serve on the Editorial Board. Their biographies are on the next pages. Cevdet Aykanat, Hong Jiang, Yu-Chee Tseng, and Jon Weissman completed their four-year terms as *TPDS* editors in January 2013. Ishfaq Ahmad resigned as editor in January 2013 after more than two years of service. Their help and dedication in processing papers is greatly appreciated.

Ivan Stojmenovic
Editor-in-Chief

Ali R. Butt received the PhD degree in electrical and computer engineering from Purdue University in 2006. He is an associate professor of computer science at Virginia Tech. His research interests are in experimental computer systems, especially in data-intensive high-performance computing (HPC) and the impact of technologies such as massive multicores, cloud computing, and asymmetric architectures on HPC I/O and storage systems. He is a recipient of the US National Science Foundation (NSF) CAREER Award (2008), an IBM Faculty Award (2008), an IBM Shared University Research Award (2009), a Virginia Tech College of Engineering Outstanding New Assistant Professor Award (2009), a best paper award (MASCOTS 2009), and a NetApp Faculty Fellowship (2011). He was an invited participant (2009 and 2012) and an organizer (2010) for the NAE's US Frontiers of Engineering Symposium. He is a member of USENIX and ASEE, and a senior member of the IEEE and ACM.

Jiming Chen (M'08, SM'11) received the BSc degree and PhD degree, both in control science and engineering, from Zhejiang University in 2000 and 2005, respectively. He was a visiting researcher at INRIA in 2006, National University of Singapore in 2007, and the University of Waterloo from 2008 to 2010. Currently, he is a full professor in the Department of Control Science and Engineering, and the coordinator of the group of networked sensing and control in the State Key Laboratory of Industrial Control Technology, and vice director of the Institute of Industrial Process Control at Zhejiang University, China. He currently serves as an associate editor for several international journals, including *IEEE Transactions on Industrial Electronics*, *IEEE Network*, *IET Communications*, etc. He was a guest editor of *IEEE Transactions on Automatic Control*, *Computer Communication* (Elsevier), *Wireless Communication and Mobile Computer* (Wiley), and the *Journal of Network and Computer Applications* (Elsevier). He also served/serves as a cochair for the Ad Hoc and Sensor Network Symposium, IEEE Globecom 2011, general symposia cochair of ACM IWCMC 2009, and ACM IWCMC 2010, WiCON 2010 MAC track cochair, IEEE MASS 2011 Publicity cochair, IEEE DCOSS 2011 Publicity cochair, IEEE ICDCS 2012 Publicity cochair, IEEE ICCC 2012 Communications QoS and Reliability Symposium cochair, IEEE SmartGridComm The Whole Picture Symposium cochair, IEEE MASS 2013 Local Chair, and TPC member for IEEE ICDCS '10, '12, and '13, IEEE MASS '10, IEEE SECON '11 and '12, and IEEE INFOCOM '11, '12, '13, etc.

Jinjun Chen received the PhD degree in computer science and software engineering (2007) from the Swinburne University of Technology, a master's of engineering degree (1999) and a bachelor's of applied mathematics degree (1996) from Xidian University, China. He is an associate professor with the faculty of engineering and IT at the University of Technology Sydney (UTS), Australia. He is the director of the Lab of Cloud Computing and Distributed Systems at UTS. Dr. Chen's research interests include cloud computing, big data, workflow management, privacy and security, and related various research topics. His research results have been published in more than 100 papers in high quality journals and conferences, including *IEEE Transactions on Service Computing*, *ACM Transactions on Autonomous and Adaptive Systems*, *ACM Transactions on Software Engineering and Methodology*, *IEEE Transactions on Software Engineering*, and *IEEE Transactions on Parallel and Distributed Systems*. He received the Swinburne Vice-Chancellor's Research Award for early career researchers (2008), IEEE Computer Society Outstanding Leadership Award (2008-2009) and (2010-2011), IEEE Computer Society Service Award (2007), and Swinburne Faculty of ICT Research Thesis Excellence Award (2007). He is the vice chair of the IEEE Computer Society's Technical Committee on Scalable Computing (TCSC), vice chair of the Steering Committee of the Australasian Symposium on Parallel and Distributed Computing, founder and coordinator of IEEE TCSC Technical Area on Workflow Management in Scalable Computing Environments, and founder and steering committee cochair of the International Conference on Cloud and Green Computing.

Mooi-Choo Chuah received the master's and PhD degrees (ECE) from the University of California, San Diego. She is the director of the Wireless Infrastructure and Network Security Laboratory (WiNS Labs) and an associate professor in the Computer Science and Engineering Department at Lehigh University. Prior to joining Lehigh, she spent 12 years at Bell Laboratories, Lucent Technologies, Holmdel, New Jersey, where she conducted research in future wireless system design, network security, resource, and mobility management design. She has been awarded 61 US patents and 15 international patents. Her current research interests include next generation wired/wireless network design, mobile computing, mobile healthcare, and Smart Grid. She is a senior member of the IEEE and the ACM, and a member of Sigma Xi society.

Hannes Frey received the graduate degree in mathematical computer science from the University of Trier, Germany, in November 2001. From the same university, he received the PhD degree in computer science in April 2006. Until April 2008, he was working at the University of Southern Denmark, and until September 2009 at the University of Paderborn, Germany. From October 2009 until September 2012, he was affiliated as a junior professor (assistant professor) at the University of Paderborn. Since October 2012, he has been a professor of computer networks at the University of Koblenz, Germany. He published altogether more than 50 journal articles, conference contributions, and book chapters in the research area of ad hoc and sensor networks. He served in different chair positions for the conferences ADHOC-NOW, MASS, WiOpt, SPECTS, WiSARN, and the workshops IQ2S, LOCAN, and LOCALGOS. He was a TPC member and external reviewer for more than 30 conferences, including conferences like EWSN, VTC, MASS, CoNext, INFOCOM, and MobiCom. He was a reviewer for more than 20 international journals. He is one of most prolific all-time Distinguished Reviewers of *IEEE Transactions on Parallel and Distributed Systems*.
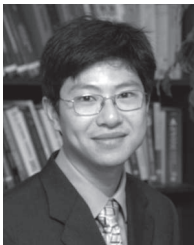
Hai Jin received the PhD degree in computer engineering from Huazhong University of Science and Technology (HUST) in 1994. He is a Cheung Kung Scholars Chair Professor of computer science and engineering at HUST in China. He is now Dean of the School of Computer Science and Technology at HUST. In 1996, he was awarded a German Academic Exchange Service fellowship to visit the Technical University of Chemnitz in Germany. Jin worked at The University of Hong Kong between 1998 and 2000, and as a visiting scholar at the University of Southern California between 1999 and 2000. He was awarded the Excellent Youth Award from the National Science Foundation of China in 2001. He is the chief scientist of ChinaGrid, the largest grid computing project in China, and the chief scientist of National 973 Basic Research Program Project of Virtualization Technology of Computing System. He is a senior member of the IEEE and a member of the ACM. He is a member of the Grid Forum Steering Group (GFSG). He has coauthored 15 books and published more than 400 research papers. His research interests include computer architecture, virtualization technology, cluster computing and grid computing, peer-to-peer computing, network storage, and network security. He is the steering committee chair of the International Conference on Grid and Pervasive Computing (GPC), Asia-Pacific Services Computing Conference (APSCC), International Conference on Frontier of Computer Science and Technology (FCST), and Annual ChinaGrid Conference. He is a member of the steering committee of the IEEE/ACM International Symposium on Cluster Computing and the Grid (CCGrid), the IFIP International Conference on Network and Parallel Computing (NPC), and the International Conference on Grid and Cooperative Computing (GCC), International Conference on Autonomic and Trusted Computing (ATC), International Conference on Ubiquitous Intelligence and Computing (UIC).

Yu-Kwong (Ricky) Kwok received the BSc degree in computer engineering from the University of Hong Kong in 1991, and the MPhil and PhD degrees, both in computer science, from the Hong Kong University of Science and Technology (HKUST) in 1994 and 1997, respectively. Before returning to the University of Hong Kong as an assistant professor in August 1998, he was a visiting scholar for one year in the Parallel Processing Laboratory, the School of Electrical and Computer Engineering at Purdue University (West Lafayette, Indiana, USA), where he worked on a DARPA research project in the field of distributed heterogeneous computing. During his sabbatical leave year (from August 2004 to July 2005), Ricky worked as a visiting associate professor in the Internet and Grid Computing Laboratory, Department of Electrical Engineering Systems at the University of Southern California (Los Angeles, California), where he conducted research on several interesting Internet security problems such as DDoS defense and traceback, worm containment and signature generation, etc. From July 2007 to May 2009, he also worked as an associate professor in the Department of Electrical and Computer Engineering at the Colorado State University (Fort Collins, Colorado), where he taught courses and conducted research in the areas of wireless sensor networks, high performance computer architecture, reconfigurable computing systems, and heterogeneous computing. He is now a full professor and deputy head in the Department of Electrical and Electronic Engineering at the University of Hong Kong.
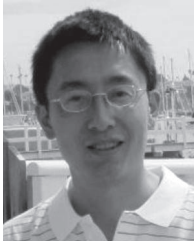
Xue Liu received BS degree in mathematics and the MS degree in automatic control, both from Tsinghua University, China, and the PhD degree in computer science from the University of Illinois at Urbana-Champaign. He is an associate professor in the School of Computer Science at McGill University. He has also worked as the Samuel R. Thompson Associate Professor in the University of Nebraska-Lincoln and HP Labs in Palo Alto, California. His research interests are in computer and communication networks, real-time and embedded systems, distributed systems, cyber-physical systems, green computing, and smart grid. He has published more than 150 research papers in major peer-reviewed international journals and conference proceedings in these areas (including top journals such as *IEEE TC*, *IEEE TPDS*, *IEEE TMC*, *IEEE TSG*, *IEEE TII*, *IEEE TNSM*, *ACM ToSN*, *ACM TECS*, *ACM TOMCCAP*), and top conferences such as INFOCOM, ICDCS, ICNP, RTSS, RTAS, ICCPS, KDD, UbiComp, WiSec, WWW, KDD, and WSDM). His publication received the Year 2008 Best Paper Award from the IEEE Transactions on Industrial Informatics, and the First Place Best Paper Award from the ACM Conference on Wireless Network Security 2011 (WiSec 2011). Dr. Liu's research has been reported by news media including the *New York Times*, *Computer World*, *The Register*, *Huffington Post*, *CBC*, *NewScientist*, *MIT Technology Review's Blog*, *McGill Daily*, etc. He has been granted three US patents and filed two other US patents. He is a recipient of the Tomlinson Scientist Award from McGill University.

Hongyi Wu received the BS degree in scientific instruments from Zhejiang University, Hangzhou, China, in 1996, and the MS degree in electrical engineering and the PhD degree in computer science from the State University of New York (SUNY) at Buffalo in 2000 and 2002, respectively. He is an Alfred and Helen Lamson Endowed Professor of Computer Science and the Director of The Center for Advanced Computer Studies (CACS), University of Louisiana at Lafayette (UL Lafayette). His research spans design, analysis, implementation and empiric evaluation of distributed algorithms and protocols for pervasive computing systems, wireless sensor networks, radio frequency identification (RFID) systems, delay-tolerant networks, and integrated heterogeneous wireless systems. He has published more than 100 papers in peer-reviewed journals and conferences. He has chaired multiple international conferences, symposia and workshops, and served as a program committee member for more than 150 technical conferences. He is an associate editor for several international journals. He received the US National Science Foundation (NSF) CAREER Award in 2004 and UL Lafayette Distinguished Professor Award in 2011.