HAPPY new year, 2019! I wish all the readers and the Services Computing research community a very successful, and prosperous new year.

Since its establishment in 2008, IEEE Transactions on Services Computing (TSC) has seen a steady growth. It has emerged as a globally renowned, highly impactful and the leading venue for publishing research work within the themes of Services Computing.

I am very happy to report that the reputation of TSC has continued to grow over the past year. Among the key metrics of journal reputation are the impact factor (IF) and ranking. And in both of these measures, TSC has made significant gains last year. The current IF of TSC is 4.418, compared to previous two annual IFs of 3.520 and 2.365, respectively. Similarly, the 5-year IF is currently 4.574, compared to previous two annual 5-year IFs of 4.245 and 3.328, respectively. Further, its rank has jumped to the 38th position from the previous year’s rank of 53rd position. The number of submissions has also continued to grow each year. The growth in IF and ranking, and the increasing number of submissions indicate the further gains in the global reputation of the journal and the amazing work done by the past EiCs, all the current and past EB members, and reviewers; all of them have volunteered their precious time amidst very busy schedules to support and contribute to the growth of this journal. Thanks to all for the invaluable support to TSC and I hope to seek your continued engagement for the further growth of TSC.

Our Editorial Board has also continued to grow in the past year, adding further depth and breadth of coverage of various current and emerging topics. On behalf of the entire TSC community, I would like to welcome the following new esteemed AE members: Dr. Bhavani Thuraisingham (University of Texas at Dallas (UTD), USA); Dr. Chunyan Miao (Nanyang Technological University (NTU) Singapore), Dr. Danda B. Rawat (Howard University, Washington DC, USA), USA), Dr. Joanna Kobrazi (Cracow University of Technology, Poland), Dr. Lydia Y. Chen (Technology University Delft, Austria), Dr. Tao Zhang (Futurewei, USA); and Dr. Ying Zou (Queen’s University, Canada). The bios and photos of the new AEs are included below. In addition to the coverage of the broader set of research topics, the EB expansion has also helped us diversify the EB membership in various ways. Currently, the membership represents 16 countries from various regions around the globe. Further, about 31 percent of the EB are female. The EB currently has 54 AEs that include 15 IEEE Fellows; several are also ACM Fellows, AAAS Fellows and/or member(s) of the Academy of Europe.

One key priority for 2019 is that of reducing the submission-to-decision/publication time for submitted manuscripts. Many special issues were in the queue when I started as the EiC in 2017, creating a substantial backlog of accepted papers to be published. By balancing the special issues and the regular papers in the publications, and by taking a cautious approach to approving new special issues, we have been able to manage the publication queue, and we are in a more normal course now. This year, I also plan to increase emphasis in further strengthening closer relationships with several relevant conferences to broaden the TSC community and encourage submissions from a broader community. Informal relationships with few newer conferences where the EB members are active have already started to form.

Overall, I am very happy to see the continued success of TSC last year. This would not have been possible without the continued support of the authors, readers, reviewers, TSC Executive Advisory Board, and TSC EB. Special thanks also go to the staff of IEEE and IEEE Computer Society, especially Ms. Christine Shaughnessy, Ms. Jennifer Carruth, Ms. Erin M. Espriu, and Ms. Kimberly Sperka for their invaluable support as well as timely help and guidance. I look forward to exploring ways to further enhance the reputation and impact of our journal. I would love to hear your suggestions and comments, and I hope to have your continued support.

James Joshi
University of Pittsburgh
Editor-in-Chief

For information on obtaining reprints of this article, please send e-mail to: reprints@ieee.org, and reference the Digital Object Identifier below.
Digital Object Identifier no. 10.1109/TSC.2018.2887058
Bhavani Thuraisingham received the PhD degree from the University of Wales, Swansea, UK, and the DEng degree (higher doctorate) from the University of Bristol, England, UK for her published research in secure data management. She is the Louis A. Beecher, Jr. Distinguished professor in the Erik Jonsson School of Engineering and Computer Science at The University of Texas at Dallas (UTD) and the executive director of UTD’s Cyber Security Research and Education Institute since October 2004. She is also a senior research fellow at Kings College, the University of London (2015-2018) and a New America Cyber Security Policy fellow (2017-2018). Her current research is on integrating cyber security and data science. Prior to joining UTD she was at the MITRE Corporation for 16 years including a three-year stint as a program director at the NSF. She initiated the Data and Applications Security program at NSF and was a member of the Cyber Trust theme. While at MITRE she was a department head and was also a technical advisor to the DoD, the NSA, the CIA, and the IRS. Prior to that, she worked for the commercial industry for six years including at Honeywell, Inc. She is the recipient of numerous awards including the IEEE CS 1997 Technical Achievement Award, the IEEE Intelligence and Security Informatics 2010 Research Leadership Award, ACM SIGSAC 2010 Outstanding Contributions Award, 2013 IBM Faculty Award, ACM CODASPY 2017 Innovative and Lasting Research Contributions Award, IEEE CS Services Computing 2017 Research Innovation Award, Dallas Business Journal 2017 Women in Technology Award and ACM SIGSAC 10 Year Best Paper Award. She has been a member of several IEEE and ACM award Committees. She is a Fellow of the ACM, IEEE, AAAS, NAI (National Academy of Inventors) and the BCS (British Computer Society). She has published more than 120 journal articles, 250 conference papers, 15 books, has delivered over 130 keynote and featured addresses, and is the inventor of six US patents. She has chaired/co-chaired top tier conferences including the Women in Cyber Security (WiCyS) 2016, ACM CCS 2017, IEEE ICDE 2017, and served as the program co-chair for both IEEE ICWS 2018 and IEEE ICDM 2018.

Chunyan Miao is currently a professor and the chair of the School of Computer Science and Engineering, the founding director of the Joint NTU-UBC Research Centre of Excellence in Active Living for the Elderly, and the co-director of the Alibaba-NTU Singapore Joint Research Institute, Nanyang technological University (NTU) Singapore. Her current research interests focus on humanized artificial intelligence, which includes infusing intelligent agents into interactive new media (virtual, mixed, mobile, and pervasive media) to create novel experiences and dimensions in game design, interactive narrative, and other real-world agent systems. She has published more than 260 journal and conference papers and filed 13 technology disclosure/patents. She is the recipient of 8 Best Conference Paper/Presentation Awards and over 20 Research Awards including awards from the top AI conferences (AAAI, AAMAS, IJCAI and IAT). She has been the editor-in-chief of International Journal of Information Technology, Singapore Computer Society, since 2009. She was the editor-in-chief of International Journal of Crowd Spring, 2016, associate editor of IEEE Internet of Things Journal, 2016, and associate editor of IEEE ACCESS, 2014. Moreover, she has served a regular Program Committee member of leading international academic conferences in the area of artificial intelligence and cognitive agents for more than 15 years, including AAAI Conference on Artificial Intelligence (AAAI), International Joint Conferences on Artificial Intelligence (IJCAI), International Conference on Autonomous Agents and Multiagent Systems (AAMAS), etc.

Danda B. Rawat received the PhD in Electrical and Computer Engineering from Old Dominion University, Norfolk, Virginia in 2008. He is an associate professor in the Department of Electrical Engineering & Computer Science at Howard University, Washington, DC, USA. His research focuses on cybersecurity and wireless networking for emerging networked systems including cyber-physical systems (energy, transportation, water, UAV), Internet of Things, smart cities, software defined systems and vehicular network. His professional career comprises more than 10 years in academia, government, and industry. He has secured more than $2 million in research funding from US National Science Foundation, US Department of Homeland Security, and private Foundations. He is the recipient of NSF Faculty Early Career Development (CAREER) Award in 2016, the US Air Force Research Laboratory (AFRL) Summer Faculty Visiting Fellowship in 2017, Outstanding Research Faculty Award (Award for Excellence in Scholarly Activity) at GSU in 2015 and the Best Paper Award from BWCCA 2010. He has delivered more than 10 Keynotes and invited speeches at international conferences and workshops. He has published more than 150 scientific/technical articles and 8 books. He has been serving as an editor/guest editor for more than 20 international journals. He has been in Organizing Committees for several IEEE flagship conferences such as IEEE INFOCOM 2015-2018, IEEE CNS 2017, IEEE CIC 2018, IEEE CCNC 2016-2018, ICNC 2017/2018, IEEE AINA 2015/2016, and so on. He serves as a technical program committee (TPC) member for several international conferences including IEEE INFOCOM, IEEE GLOBECOM, IEEE CCNC, IEEE GreenCom, IEEE AINA, IEEE ICC, IEEE WCNC and IEEE VTC conferences. He served as a vice chair of the Executive Committee of the IEEE Savannah Section from 2013 to 2017. He is the founding director of the Cyber-security and Wireless Networking Innovations (CWINs) Research Lab at Howard University. He is a senior member of the IEEE and ACM, and a member of ASEE. He is a fellow of the Institution of Engineering and Technology (IET).

Joanna Kolodziej received graduate degree in theoretical mathematics from the Jagiellonian University in Cracow, Poland, in 1992, and received the PhD degree in theoretical computer science, in 2004. In the period of 1992-1997 she worked as a project manager and senior CAD/CAM project manager in Petroleum Engineering (Bipronaft Cracow and INES Project Studio). Since September 1, 2007, She has worked at Cracow University of Technology as professor and head of the Department of Computer Science. She also has the professor position at NASK in Warsaw Poland. She is a full professional member of ACM and SIGEVO group. She is also a research fellow in Intelligent Information Systems Group at AGH University of Science and Technology, Cracow (Poland). The main topics of her research are HPC modeling and simulation, scheduling and energy-awareness, privacy and security in HPC systems, massive and Big Data processing and analysis, mathematical modeling of stochastic processes, grid and cloud computing, intelligent networking, scalable computation, multi-agent systems, global optimization, and the Time Award. She is an author of more than 200 papers published in international journals, books and conference proceedings. She is an author of one monograph and guest editor of 15 other edited books (by Springer Vlg). She has served as a guest editor of more than 20 special issues of highly indexed journals. She is serving as the editorial board member of several journals in her research area and as a reviewer for the major journals in her research domain, including IEEE Transactions on Evolutionary Computation, IEEE Transactions on Computers, IEEE Transactions on Parallel and Distributed Systems, ACM Transactions on Autonomous and Adaptive Systems. She is a associate editor of IEEIE Cloud Computing. She has been serving in leading roles in many conferences and workshops. She participated in several international and national projects. The most important are ECNET, 7FP Grant, PARAPHRASE 7FP Grant, and the Polish National Science Centre. She is also a recipient of the TPC Award, and the FlexibleSim PhD Programme at the Cracow University of Technology. She is currently also a PI and general chair of Horizon 2020 chipSet cost action (chiptes-cost.eu) – one of the biggest ITC Cost project. She was awarded for the best MSD Thesis in Theoretical Mathematics by Polish Mathematical Society, in 1992 and for the best PhD Thesis in Computer Science, Physics and Mathematics by The Foundation for Polish Science, in 2004.
Lydia Y. Chen received the BA degree from National Taiwan University, in 2002, and the PhD degree from the Pennsylvania State University in 2006. She is an associate professor in the Department of Computer Science at the Technology University Delft. Prior to joining TU Delft, she was a research staff member at the IBM Zurich Research Lab from 2007 to 2018. Her research interests center around dependability management, resource allocation and privacy enhancement for large scale data processing systems and services. More specifically, her work focuses on developing stochastic and machine learning models and applying these techniques to application domains, such as datacenters and AI systems. She has published more than 80 papers in journals, e.g., *IEEE Transactions on Distributed Systems*, *IEEE Transactions on Service Computing*, and conference proceedings, e.g., INFOCOM, Sigmetrics, DSN, and Eurosys. She was a co-recipient of the best paper awards at CCgrid’15 and eEnergy’15. She received TU Delft professor fellowship, in 2018. She was program co-chair for Middleware Industry Track 2017 and IEEE ICAC 2019 and track vice-chair for ICDCS 2018. She has served on the editorial boards *IEEE Transactions on Network and Service Management*. She is a senior member of the IEEE.

Tao Zhang is currently the sr. director for Technology and Industry Development at Futurewei (Huawei USA). He has been leading strategies, research, and product development, for more than 25 years, which have created disruptive technologies and products in fog/edge computing, IoT, connected vehicles, mobile networks, and fiber optic networks. He was the CTO for Smart Connected Vehicles at Cisco, where he provided leadership in creating the business unit and turning Cisco from being little known in connected vehicles to a major player. A pioneer in fog and edge computing, he provided global leadership in industry and academia, cofounded and led the OpenFog Consortium, and led fog computing into a global industry trend and a vibrant research field. In Cisco, he also drove strategies and led innovation programs on fog computing, connected vehicles, and AI-driven IoT security. He was the chief scientist for Vehicular Networking and the director of several R&D groups at Telcordia (formerly Bellcore and originally part of Bell Labs), where he established and managed groundbreaking R&D programs funded by customers. His leadership helped Telcordia break into and then become a leader in new industries such as connected vehicles and 3G/4G mobile networks, and created new technologies that were incorporated into standards and led to first-in-industry products. He cofounded the Connected Vehicle Trade Association, served as its board director, and helped make it an influential champion in connected vehicles. He holds more than 50 patents and coauthored two books “Vehicle Safety Communications: Protocols, Security, and Privacy” and “IP-Based Next Generation Wireless Networks”, one book chapter “Securing the Internet of Things: Need for a New Paradigm and Fog Computing”, and more than 70 technical papers. He is a chair professor at National Chiao Tung University. He was the CIO and a board governor of IEEE ComSoc, a distinguished lecturer of IEEE VTS, and a board adviser for several organizations around the world.

Ying Zou is a named Canada research chair in Software Evolution in recognition of her research on the methods and tools for supporting the development and evolution of service-oriented applications. She is a professor in the Department of Electrical and Computer Engineering and cross-appointed to the School of Computing at Queen’s University in Canada. She is a visiting scientist of IBM Centers for Advanced Studies (CAS), IBM Canada. She was awarded with 2014 IBM CAS Research Faculty Fellow of the Year. She also won twice IBM Faculty Awards in 2007 and 2008. She has published more than 145 research papers in the high quality international conferences and journals, such as the International Conference on Software Engineering (ICSE), ACM Joint Meeting on European Software Engineering Conference and Symposium on the Foundations of Software Engineering (ESEC/FSE), and the International Conference on Service-Oriented Computing (ICSOC), *IEEE Transactions on Software Engineering* (TSE), *IEEE Transactions on Services Computing* (TSC) and the *International Journal of Empirical Software Engineering* (EMSE). She has demonstrated her leadership through the organization of international conferences. For example, she has co-chaired the International Conference on Software Engineering (ICSE) 2019, Awards co-chair in the International Working Conference on Mining Software Repositories (MSR) 2019, and the tool demonstration track co-chair in the International Conference on Service-Oriented Computing (ICSOC) 2018. She is a regular program committee member for many leading international conferences, such as ICSOC, MSR and the International Conference on Software Maintenance and Evolution (ICSME). She is a senior member of the IEEE and a Member-at-Large in the IEEE Computer Society Technical Council on Software Engineering (TCSE).