Introduction of New Associate Editors

Ling Liu, Senior Member, IEEE

I am pleased to introduce the following new members of the Editorial Board.

Ling Liu
Editor-in-Chief

Rong N. Chang received the BS degree in computer engineering with honors from the National Chiao Tung University, Taiwan, in 1982 and the PhD degree in computer science and engineering from the University of Michigan at Ann Arbor in 1990. He is currently a research staff member and the manager of service management environments at the IBM T.J. Watson Research Center. Before joining IBM in 1993, he was with Bell Communications Research (Bellcore) creating advanced personal ubiquitous application services for broadband networks. He received the ITIL Foundation Certificate in IT Services Management (ITSM). His accomplishments at IBM include the completion of a nomination-based Micro MBA Program, one IEEE Best Paper Award, and many IBM awards, including three corporate-level Outstanding Technical Achievement Awards and five division-level Accomplishment Awards in the areas of cloud computing, IT infrastructure Healthcheck, SLA and business service management, monitoring, and event management, and e-commerce. He is a principal investigator of the IBM Cloud Computing Reference Architecture, IBM SmartCloud Enterprise offerings, On-Premise Private Cloud Implementation Services, and IBM CIO Development-Test Cloud. He has chaired IBM Research’s Professional Interest Community on Services Computing, an emerging new computer science discipline advocated by ACM and IEEE. He has chaired several conferences and workshops in cloud computing and network-enabled distributed services and applications. He holds 18 patents and has published more than 40 refereed technical papers with reputable international conferences and journals. He is a member of the Eta Kappa Nu and Tau Beta Pi honor societies.

Elena Ferrari received the MS and PhD degrees in computer science from the University of Milano, Italy. She is a professor of computer science at the University of Insubria, Italy, and scientific director of the K&SM Research Center. Her main research activities are in the fields of access control, privacy, and trust management. On these topics, she has published more than 170 scientific publications in international journals and conference proceedings. In 2009, she received the IEEE Computer Society’s Technical Achievement Award for outstanding and innovative contributions to secure data management. In 2011, she was named an ACM Distinguished Scientist. She is on the editorial board of the IEEE Transactions on Knowledge and Data Engineering, Transactions on Data Privacy, and the IEEE Transactions on Secure and Dependable Computing. She served as area PC vice-chair for privacy and security of ICDE 2012, program chair of the Fourth ACM Symposium on Access Control Models and Technologies, software demonstration chair of the Ninth International Conference on Extending Database Technology, and cochair of the Third IFIP International Conference on Trust Management. She will be the PC cochair of ICDE 2014. She has also served as a program committee member of leading international conferences on data management. She is a senior member of the IEEE.

João Eduardo Ferreira (Jef) received the PhD degree in computational physics from the Institute of Physics, University of São Paulo, Brazil, in 1996 and was a post-doctoral researcher in the Department of Computer Science at the Georgia Institute of Technology, Atlanta. He is currently an associate professor in the Department of Computer Science, Institute of Mathematics and Statistics, University of São Paulo. His research interests include experimental computer systems, scientific workflows and business processes, data warehouse, transaction processing, data integration, and data modeling. He has published many articles, including some at IEEE ICWS, IEEE ICDE, and IFIP CoopIS, and has served on the program committee of numerous international conferences, including IEEE Cloud Computing and IEEE Web Services. His research has been supported by the Brazil National Science Foundation and several industry companies in Brazil.

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Buğra Gedik received the BS degree in computer engineering and information science from Bilkent University, Turkey, and the PhD degree in computer science from the Georgia Institute of Technology. He has extensive research and development experience in the broad areas of services computing, ranging from distributed systems, mobile computing, stream data management, and complex event processing to enterprise computing and service-oriented architectures. He is currently a faculty member in the Computer Engineering Department, Bilkent University, Turkey. Prior to working at Bilkent, he was a research staff member at the IBM T.J. Watson Research Center and served as the chief architect for IBM’s InfoSphere Streams product. He is the co-inventor of the SPL and SPADE stream processing languages. His research interests are in distributed data-intensive systems ranging from distributed systems and mobile computing to enterprise and service computing. He was the coreipient of the best paper award from IEEE ICDCS 2003, IEEE DSN 2011, and ACM DEBS 2011. He served as the co-PC chair for the ACM DEBS 2009 and IEEE CollaborateCom 2007 conferences. He has served on the program committees of numerous conferences, including IEEE ICDCS, VLDB, ACM SIGMOD, IEEE ICDE, and EDBT. He has published more than 50 peer-reviewed articles in the areas of distributed computing and data management and has applied for more than 30 patents. He was named an IBM master inventor and is the recipient of an IBM Corporate Award.

Andrzej Goscinski is a full professor and chair in the School of Information Technology at Deakin University, Australia. His main research interests are in the areas of web services, distributed systems, parallel processing, virtualization, autonomic and service computing, and cloud computing. He led the development of the theory of operating systems for clusters and developed the GENESIS cluster operating system, which manages parallel processing. He also initiated research toward services-based operating systems, which now form a fundamental platform for mobile devices. He has made contributions to reliable parallel computing on clusters based on check-pointing and recovery. He has published several books. His book, Distributed Operating Systems: The Logical Design, published by Addison-Wesley, was the first monograph to present operating systems of distributed systems in a holistic manner. It has influenced the design and development of resource management systems of distributed systems. He was also a coeditor of the book Cloud Computing: Principles and Paradigms, published by Wiley in 2011.

Keqing He received the PhD degree in software engineering from Hokkaido University, Japan. He is now a professor in the School of Computer Science at Wuhan University. He is one of the founders of and the vice director of the Technical Committee of Service Computing of the China Computer Federation (CCF TCSC). His recent honors and awards include the “Special Contribution” award for the development of ISO standards by ISO/IEC, a China Standardization Outstanding (Innovation) Award, and the Second Prize for National Scientific and Technological Progress of China. He is the editor of five ISO/IEC standards, including the standard for service registration (ISO/IEC 19763-3,5,7,8,9). He is the principal investigator of more than 40 international and national research projects, including the National Basic Research Program of China (973 Program). He has published more than 180 papers in renowned international journals, conferences, and books on software, service engineering, and related fields, including the best paper award of IEEE CIT 2006. He is the author of the books Networked Software and Theory and Methods on Ontology and Meta-Modeling, which are the seminal books on service-oriented software engineering in China. His research interests are in service-oriented software engineering methodologies for semantic service interoperability and standardization. He is a senior member of the IEEE.

James Joshi received the MS and PhD degrees from Purdue University in 1998 and 2003, respectively. He is now an associate professor at the University of Pittsburgh and the director of the Laboratory of Education and Research on Security Assured Information Systems (LERSAIS), which is a Center of Academic Excellence in Information Assurance Education and Research (CAE-R). His research interests include security, privacy, and trust management of distributed systems (including cloud/social computing) and networks. He was a recipient of the US National Science Foundation (NSF) CAREER award. His research and education projects have been supported by the NSF and the NSA/DoD. He currently manages the Scholarship for Service program. He has been a guest editor for special issues in ACM Transactions on Information and System Security, Computer & Security, and Springer Mobile Networks and Applications. He has served as a steering committee member and general chair of IEEE CollaborateCom and ACM SACMAT. He has served as a program chair of IEEE CollaborateCom, ACM SACMAT, IEEE IRI, and several workshops. He has served on program committees of more than 80 international conferences/workshops and on the editorial boards of the International Journal of E-Business Research and the International Journal of Network Security. He was a coeditor of the book Information Assurance: Dependability and Security of Networked Systems in 2008. He was a recipient of the Best Paper Award from ACM CODASPY 2011 and the Best Student Paper Award from ACM SPRINGL 2011.
Wang-Chien Lee is an associate professor in computer science and engineering at the Pennsylvania State University. He performs cross-area research in data management, pervasive/mobile computing, and networking, with a special interest in spatial, temporal, and multidimensional aspects. His work involves the development of various techniques (including accessing, routing, indexing, caching, aggregation, dissemination, query processing, mining, and knowledge discovering) for supporting location-based services, recommendation services, social networking services, and complex queries in a wide spectrum of networking and mobile computing environments (such as mobile networks, wireless sensor networks, peer-to-peer networks, and wireless broadcast systems). Meanwhile, he also works on information retrieval, social computing, security, and Big Data. He has published more than 200 technical papers on these topics. Dr. Lee is very active in the research community. He has served on the technical program committees of various premier conferences, such as the International Conference on Web Services and the International Conference on Very Large Data Bases. He is the cofounder of the IEEE International Conference on Mobile Data Management and recently served as the technical program cochair of the International Conference on Distributed Computing Systems.

Aameek Singh received the bachelor’s degree in computer science and engineering from IIT Bombay, India, and the PhD degree in computer science from the Georgia Institute of Technology. He is a research staff member and manager of the Services Innovation Lab at IBM Research – Almaden, where he leads the Storage Optimization Services research group. His research focuses on storage and systems management for IT services in traditional enterprises as well as modern cloud computing environments. He is an author of more than 40 international refereed publications and has been awarded multiple patents with over 25 patents filed. He is a recipient of multiple Outstanding Innovation Awards from IBM, is a two-time IBM PhD fellowship winner, and his work has been recognized by industry analysts like Gartner and mentioned in news articles published in the NY Times and PCWorld. He has served on the program committees of multiple conferences including ICDCS 2011 and 2012 and has reviewed more than 100 articles for international journals and conferences.

Munindar Singh received the BTech degree in computer science and engineering from the Indian Institute of Technology, Delhi, and the PhD degree in computer sciences from the University of Texas at Austin. He is a professor in computer science at North Carolina State University. He was the editor-in-chief of IEEE Internet Computing from 1999 to 2002. His editorial service includes IEEE Internet Computing, the Journal of Autonomous Agents and Multiagent Systems (JAAMAS), ACM Transactions on Intelligent Systems and Technology (TIST), and the Journal of Artificial Intelligence Research (JAIR). His past service includes the Journal of Web Semantics (JWS) and Service-Oriented Computing and Applications (SOCA). Additionally, he served on the IEEE Transactions on Mobile Computing steering committee, as a director of the International Foundation for Autonomous Agents and MultiAgent Systems, as general cochair of the 2005 International Conference on Autonomous Agents and MultiAgent Systems, and as program cochair of the 2008 IEEE International Conference on Web Services. His research has been recognized with awards and sponsorship by (alphabetically) the US Army Research Laboratory, Cisco Systems, DARPA, Ericsson, IBM (four faculty awards), Intel, Joint Oceanographic Institutions, the US National Science Foundation, and Xerox. He is a fellow of the IEEE.

Hans Weigand received the PhD degree from the Free University in Amsterdam in computer science and mathematics. His PhD thesis was about the application of linguistic theory in knowledge engineering. He has been a faculty member at Tilburg University since 1991, specializing in information systems and service computing. He has participated in multiple European and national research projects and co-organized several international conferences and workshops, in particular, on the Language/Action Perspective (LAP) and Pragweb. Since 2010, he has been the academic director of the bachelor program in information management and conceptual modeling. His active research areas include communication in organizations, modeling business services, self-adaptive services, and service-oriented auditing.
I-Ling Yen received the BS degree from Tsing-Hua University, Taiwan, and the MS and PhD degrees in computer science from the University of Houston. She is currently a professor of computer science at the University of Texas at Dallas. Her research interests include cloud computing, service computing, distributed systems, high assurance systems, and security. She has published more than 200 technical papers and received many research awards in these areas. She has been actively involved in several international conferences and workshops, serving as general chair, organizing committee member, or program committee member. She has served as program chair/cochair for the IEEE Symposium on Service-Oriented Systems Engineering, IEEE Symposium on Reliable Distributed Systems, IEEE High Assurance Systems Engineering Symposium, IEEE International Computer Software and Applications Conference, and IEEE International Symposium on Autonomous Decentralized Systems. Currently, she is a steering committee member of the IEEE High Assurance Systems Engineering Symposium and IEEE Symposium on Service-Oriented Systems Engineering. She also serves on the editorial board of the International Journal on Artificial Intelligence Tools.

Yanyong Zhang received the PhD degree in CPU scheduling from Pennsylvania State University (Penn State) in 2002. She is currently an associate professor in electrical and computer engineering/Winlab of Rutgers, The State University of New Jersey. Her research interests include sensor and wireless ad hoc networking, distributed computing, and failure predictions for large-scale computing systems. During the last few years, she has taught computer architecture, database systems, and performance evaluation. She received the fourth Annual Alexander Schwarzkopf Prize for Technological Innovation from I/UCRC in 2008, a US National Science Foundation CAREER Award in 2006, the Best Graduate Research Assistant Award from the Computer Science and Engineering Department at Penn State for outstanding research in 2001, an IBM research fellowship from 2001-2002, a Dean’s fellowship from the College of Engineering at Penn State from 1997-2000, and was a nominee of the 2006-2007 Excellence in Teaching Award for the Electrical and Computer Engineering Department. She is actively involved in professional services in conferences and journals as a PC member such as for the IEEE International Conference on Cloud Computing, IEEE International Conference on Distributed Computing, IEEE INFOCOM, IEEE MASS, IEEE Cluster, IEEE Symposium on Reliable Distributed Systems, International ACM Conference on Wireless Security, Annual IEEE/IFIP International Conference on Dependable Systems and Networks, IEEE International Conference on High Performance Computing, and International Conference on Parallel and Distributed Systems. She also served as an organizer or track chair for the Networks & Future Internet Symposium, International Conference on Parallel Processing, and 16th International Conference on Computer Communications and Networks, and was a guest editor for the Journal of Computer Science for a special issue on reliability and autonomic management in 2005. She is also an associate editor for the IEEE Transactions on Mobile Computing.